**Dinesh Reddy kumbum   
*Java Full Stack Developer***

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**PROFESSIONAL SUMMARY**

* IT Professional with 10+ years of experience as a **Java Full Stack developer** with expertise in Design, Development, Analysis, and Testing of distributed Web Based Applications and **Client/server** applications using **Java/J2EE** Technologies.
* Proficient in UI design, developed Front End using **JSP, HTML5, CSS3, JavaScript, Ajax, jQuery, ReactJS, Angular, Typescript, ECMAScript.**
* Implemented a rigorous approach to unit testing in **Angular 8** projects using **Jasmine** and **Karma.**
* Proficient in Cloud-based deployment on **Amazon EC2** and their other offerings like **S3** and **AWS** including **EC2, VPC, S3, EBS, ELB, Cloud-Front, IAM, RDS** and **Cloud Watch, Elastic cache, SNS, SQS, AMI.**
* Proficient in building interfaces with **ReactJS** and worked with React Flux architecture and Utilized React-Router for Dynamic Routing.
* Developed and maintained shell scripts in **Unix, Linux**, and **Windows** environments to automate routine tasks, streamline system operations, and enhance productivity.
* Experience with **Java 1.8** features such as **Lambdas** for making function calls by using functional interfaces which makes code readable and concise.
* Implemented **Spring Inversion of Control (IoC**) and **Aspect-Oriented Programming (AOP)** principles to enhance modularization and maintainability, integrated with **Spring MVC** for efficient web application development.
* Experience with Docker images, Containers, push/pull with Spring Boot, used Jenkins for CICD and AI. Postman
* Hands-on experience in design and development of robust and highly scalable applications and APIs based on REST and SOAP applications using **AXIS, WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC** and **Jersey, Apache CXF** frameworks.
* Expertise in Design Patterns like **Singleton, Business Delegate, Service Locator, DAO, DTO** and **MVC, Template** in the development of multi-Tier distributed Enterprise Applications and sound knowledge on multi-threading.
* Hands-on experience with application development using J2EE Technologies like **Spring frameworks, Hibernate, Servlets, JSP, JDBC, EJB, JPA, JDBC, JavaBeans** and **Web services** with concentration on effortless backend functioning.
* Experience in testing frameworks like **Jasmine, Protractor** for angular functionality testing and **karma** for running tests.
* Full Stack development experience working on web apps with many technologies like **Angular, React, Node, Java, GraphQL** and **MySQL.**
* Expertise in modern web architecture using various JavaScript frameworks and libraries like **ReactJs, Redux, Redux Toolkit, Angular, AngularJS.**
* Extensively used **Java 8** features such as **lambda expressions**, **method referencing, Stream API’s, parallel** **operations** on collections, multithreading, and for effective sorting mechanisms and to increase the performance of the application.
* Worked on **Microservices** architecture using **Spring Boot** and using **Netflix Eureka** server and implementing using **NodeJS**.
* Architected and managed complex **Maven** build configurations for multi-module projects, ensuring efficient project structuring and dependency management.
* Created custom **Maven** plugins and extensions to automate project-specific tasks, enhancing the build process and improving developer productivity.
* Strong experience in **Spring Framework** modules such as **Spring MVC, JDBC, Spring Dashboard, Spring Boot, Spring Microservices, Spring Eureka, Spring Netflix, Spring Batch.**
* Designed test cases and performed unit testing with **JUnit Framework**.
* Used **Postman** and **SOAP UI** for testing RESTful and SOAP Web Services.
* Expertise maintaining **(ORM) Object/Relational Mapping Files using Hibernate** to ensure object persistency and transaction control.
* Experience in implementing persistence layer using **JPA and Hibernate**.
* Managed the deployment and administration of **Aurora PostgreSQL** clusters for efficient data storage and retrieval.
* Optimized SQL queries and fine-tuned database schema to improve query performance and response times.
* Designed and optimized **MongoDB** collections and document structures to ensure efficient data storage and retrieval.
* Developed complex queries using **MongoDB's** query language to extract targeted information from large datasets.
* Set up monitoring and alerting using **AWS CloudWatch** to proactively detect and address database performance issues.
* Hands-on experience working with **OAUTH** to provide authentication and authorization to Rest services by using **JSON Web Tokens (JWT)** to securely communicate JSON Objects.
* Configured, managed, and maintained **IIS web servers** to host and deliver web applications with high availability and optimal performance.
* Hands-on experience with messaging tools like **Kafka, RabbitMQ, ActiveMQ** for operations.
* Experience with **Java Messaging Services (JMS)** like **Rabbit MQ, Active MQ and Apache camel**.
* Deployed and configured **Kafka clusters (or Amazon MSK clusters)** to enable real-time data streaming and processing.
* Designed and created **SQS queues** to decouple components of the application, improving system resilience and scalability.
* Installed, configured, and administered **WebLogic application servers**, ensuring smooth operation of Java applications and services.
* Integrated **Amazon SQS** with other AWS services to build fault-tolerant and scalable architectures.
* Expert in working with databases like **Oracle, MySQL, DB2, Aurora PostgreSQL, SQL server** to generate complex SQL, PL/SQL queries, sub queries like joins, view, triggers etc. and NoSQL databases like **MongoDB and Cassandra** to database modeling and development.
* Monitored **GCP resource** usage and costs, implementing cost-saving measures such as rightsizing instances and setting up billing alerts.
* **Implemented GCP security** best practices, including encryption, key management, and auditing, to meet compliance requirements and protect sensitive data.
* Experience in **JUNIT testing using Mockito and Power Mockito**.
* Integrated static code analysis, unit testing, and integration testing into **CI/CD pipelines**, enforcing code quality standards and enhancing early bug detection.
* Designed, implemented, and maintained end-to-end **Continuous Integration (CI) and Continuous Deployment (CD) pipelines** using **Jenkins, Team Forge, and TFS**, streamlining the software release process.
* Experience with Deployment tools such as **CI/CD, Jenkins, Docker image, Docker Containers and Kubernetes**.
* Long-time experience in working with **version control systems like GIT** and used Source code management client tools like **GitHub, Bitbucket**.
* Experience in using built tools like **Maven, Ant, Jenkins and Log4J** to automate the process.
* Used **Azure Resource Manager (ARM)** to deploy, update, or delete all the resources for solution in a single, coordinated operation.
* Used **JIRA and Rally** to Bug/Issue tracking and project management.

**EDUCATION**

* Bachelor Of Technology from Jawaharlal Nehru Technological University Hyd, India. (2011)
* Master Of Science in Computer Science from Wilmington university (2016)

**TECHNICAL SKILLS**

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| Backend Technologies | Core Java, JSP, JDBC, JNDI, JMS, JSTL, NodeJS, Java Beans, RMI, Java Multithreading, Generics and Collections, EJB, Tiles, Maven, Ant, MS Build, Spring Framework. |
| Frontend Technologies | HTML5, XML, XSLT, SAX, DOM, CSS3, JavaScript, XPath, AJAX, jQuery, Angular 11, Angular 6, Angular 8, Bootstrap, TypeScript, Node.js, ReactJS. |
| Methodologies | UML, Agile, Waterfall, TDD |
| Frameworks | Spring (IOC, Boot, AOP, DOA, Security), Struts, Hibernate. |
| Design & GUI Tools | Eclipse, IBM RAD/WSAD, NetBeans, Notepad++ |
| App servers | IBM WebSphere, Apache Tomcat, BEA Web Logic, JBOSS |
| Databases/Tools | Oracle 11g/10g /9i, NoSQL, SQL Server, DB2, MySQL, MongoDB, Hadoop, PostgreSQL |
| Design/Version Control | CVS, SVN, VSS, GIT |
| Operating Systems | Windows, Linux, UNIX |
| Unit Testing Tools | TestNG, JUnit5, Cucumber, Jest, Mocha |
| Integration Testing | Postman, Cypress, SoapUI. |
| Cloud Platforms | AWS, GCP, AZURE |

**PROFESSIONAL EXPERIENCE**

**Client: Centene Corporation, St. Louis, Missouri May 2022 -Present**

**Role: Full Stack Developer**

* Sound Knowledge about the entire (SDLC) of the project right from the design of the project till the implementation phase of the project.
* Expertise in using CSS3, HTML5, **React**, **TypeScript**, **ES6, JavaScript, JSON,** and **jQuery** to create UI web pages.
* Skilled in using Asynchronous JavaScript and XML (**AJAX**) to fetch data from APIs and dynamically update web content.
* Developed user interface using **React JS, Flux** for SPA development, also used React forms for data-driven form components and React router to define module-level routing.
* Used ReactJS to capture user actions and render the relevant action, as well as dynamically render the UI based on user actions.
* Extensive experience using **Next.js** to create server-side rendered and statically generated React applications.
* Leveraged **Next.js** features for efficient routing and server-side rendering.
* Involved in implementing various client-side interfaces on the frontend using **React.js** and used various predefined components from NPM and redux library and deployed the application to NGINX.
* Designed and developed responsive and mobile-friendly web pages using HTML markup language, providing a seamless and intuitive user experience for the web application.
* Utilized HTML Semantic Tags to improve page structure and SEO, ensuring clear and meaningful content hierarchy and organization.
* Implemented CSS Animations and Transitions to add visual effects and animations to the application, improving user engagement and interactivity.
* Utilized CSS Media Queries to implement device-specific styles and layouts, improving the application's responsiveness and accessibility across different devices and screen sizes.
* Knowledge of server-side JavaScript frameworks like **Node.js**, using it to build scalable and efficient server applications.
* Developed PowerShell scripts to automate routine tasks and system administration, improving operational efficiency and reducing manual errors.
* Developed microservices and created REST APIs using **Java Spring Boot** framework, and Spring REST implementation and used **Maven** as a build tool.
* Experience in using **Java 11** features such as **Lambdas, Streams, Observables**, and Completable Futures, etc.
* Orchestrated the deployment of **Aurora PostgreSQL** clusters, optimizing configuration for high-throughput data storage and retrieval.
* Used **Node.js** to run Grunt tasks and build properly the project (compile, minify, concept etc.) and Implement modules into Node JS to integrate with designs and requirements. Used Grunts, Bowers, Express from NodeJS.
* Optimized Maven build performance by configuring build profiles, using build caching, and applying incremental builds, resulting in faster build times.
* Integrated Maven with CI/CD pipelines, ensuring seamless integration of testing, deployment, and release processes.
* Enforced coding and versioning standards across projects, ensuring consistency and maintainability of Maven-based builds.
* Spearheaded the setup of **Kafka** clusters, boosting real-time event streaming capabilities across services.
* Developed custom Kafka Streams applications for real-time data transformation, reducing batch processing latency by 50%.
* Developed microservices using spring framework, benefiting from auto-configuration using spring-boot, securing with spring security.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST APIs and Spring Boot for microservices.
* Engineered fault-tolerant **Spark** applications, implementing resilient distributed datasets (RDDs) and leveraging **Spark's** in-memory processing capabilities to ensure robustness and reliability in big data processing workflows.
* Led migration efforts from legacy batch processing systems to **Spark**-based real-time data pipelines, enabling near-instantaneous insights and actionable intelligence for stakeholders across the organization.
* Integrated **Swagger UI** into web applications, allowing developers and stakeholders to explore and test APIs.
* Used Spring JDBC templates for database interactions and used declarative Spring AOP transaction management.
* Implemented microservices architecture using Spring Boot for making the application smaller and independent.
* Implemented Kafka consumer and producer configurations to use for high-volume streaming with pub-sub model using multiple inheritance AVRO schemas with the same topic.
* Deployed end to end event-driven microservices architecture using Apache Kafka and deployed with Kafka Elasticsearch.
* Developed robust monitoring and alerting mechanisms within **WebLogic** environment, leveraging JMX and custom scripting, resulting in proactive issue identification and minimized downtime.
* Implemented advanced security measures in **WebLogic** infrastructure, including SSL/TLS encryption and role-based access controls, ensuring compliance with industry standards, and safeguarding sensitive data.
* Implemented and optimized **Cassandra** database clusters to efficiently handle large-scale data storage and retrieval.
* Designed data models using **Cassandra's NoSQL** schema to accommodate dynamic and varied data structures.
* Developed custom data replication strategies to ensure high availability and fault tolerance in distributed environments.
* Experience with **Apache Tapestry** for component-based web application development, creating reusable components encapsulating UI and behavior.
* Designed and implemented components using **Apache Tapestry**, promoting a modular and maintainable architecture.
* Used **React** http service to make GET/POST/PUT/DELETE to deal with API requests and responses.
* Orchestrated integration of **SQS** with **Lambda** functions, enabling auto-scaling while maintaining efficient message processing.
* Familiarity with **Azure DevOps** for CI/CD pipelines, including Azure Pipelines, Azure Repos, Azure Artifacts, and Azure Boards.
* Demonstrated experience integrating **Azure services** into Java applications, such as authenticating users with Azure Active Directory (AAD) using OAuth 2.0/OpenID Connect.
* Proficiency in using version control systems like Git for managing source code, collaborating with team members, and implementing CI/CD workflows in **Azure DevOps.**
* Created CI/CD scripts using **Maven/Azure Pipelines**.
* Involved in data modelling as well as creating DDL/DML scripts for **Mongo** database.
* Extensively used **Azure** cloud services like **Azure Key Vault/Active Directory/Service Bus/Queue/Log Analytics/App Insights/Azure Pipelines** during various stages of application.
* Collaborated with different project stake holders to design/implement message notification processing systems.
* Used OAuth 2.0 for integrating with the services over **APIGEE** Gateway.
* Engineered decoupled architectures using **SQS** queues, leading to 30% reduction in system dependencies and improved fault tolerance.
* Inserted, updated, and deleted data using **MongoDB's CRUD operations** while maintaining data integrity.
* Managed clustering and load balancing configurations for high availability and scalability, optimizing application performance.
* Extensive experience in deploying, managing and developing **MongoDB** **clusters**. Experience in creating JavaScript for using **DML** operations with MongoDB.
* Worked with **MongoDB** to store non-relational data into collection and retrieve them whenever required.
* Skills at using testing tools such as **Postman, Jest, Enzyme, JUnit, Apache JMeter**, and debugging tools such as **ES Lint, Redux Dev Tools, and Chrome Developer Tools.**
* Demonstrated ability to leverage advanced features such as mocking final classes/methods, partial mocks, and deep stubs in **Mockito** for intricate test scenarios.
* Performed parameterized testing and exception handling in **JUnit** for comprehensive test coverage.
* Designed and managed **Kubernetes clusters** for containerized applications, ensuring efficient resource allocation and scaling.
* Implemented automated deployment strategies within **CI/CD** pipelines, leveraging containerization technologies like **Docker** and orchestration tools like **Kubernetes** to ensure consistent and scalable deployment environments.
* Deployed the Application into Docker container and made easily accessible at runtime using cloud services like **Azure, Netflix Eureka, Spring Hystrix** as a fallback method, **Spring Ribbon** for load balancing, and a broker service to maintain status using **Spring Kafka and Zookeeper.**
* ensuring infrastructure consistency and scalability. Designed and implemented **Terraform modules** to encapsulate and reuse infrastructure components.
* **Environment**: Java 11, Maven, Hibernate, React JS, HTML, Kafka, Apache Tomcat, Spark, Json, Java Script, Spring, Spring ribbon, Oracle, Mongo DB, Aurora PostgreSQL, JDBC, Eclipse, Microservices, WebLogic, Apache Tapestry, JUnit/Mockito, JMeter, Selenium, Jenkins, GitHub, Docker, Kubernetes, Log4j, Amazon SQS, AWS EC2, Terraform.

**Client: Wellmark BCBS, Des Moines, IA Nov 2019 – April 2022**

**Role: Full Stack Developer**

* Developed the view-controller components using **JSPs, HTML5, CSS3, AJAX, JavaScript (jQuery).**
* Utilized HTML Video and Audio to implement multimedia content, such as videos and podcasts, improving user engagement and accessibility.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **Angular 11**.
* Designed and developed the agent portal using framework **Angular 11** along with **HTML5, CSS3,** and **TypeScript**.
* Created TypeScript reusable components and services to consume REST APIs using Component-based architecture provided by **Angular 11.**
* Developed Angular 11 service for static selection (reference) data in the Angular 9/11 SPA has run block.
* Implemented Angular 11 Router to enable navigation from one view to the next as the agent performs application tasks.
* Implemented core features of Angular11 framework such as dependency Injection, Databinding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Designed and developed modern and visually appealing web pages using CSS styling language, improving the application's user experience and visual design.
* Utilized **CSS Flexbox** and Grid Layout to implement responsive and flexible page layouts, ensuring seamless and intuitive user experience across different devices and screen sizes.
* Developed web applications using the **Apache Tapestry framework**, adhering to its component-oriented architecture and best practices.
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods, and Concurrency API. Used Java 8 features like stream and Lambda expressions.
* Used **Spring MVC framework** for implementing **Model-View-Controller (MVC)** architecture at the Web tier level.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details etc.
* Used **Spring Batch** for processing large amounts of data like transaction management, job processing, resource management, and logging.
* Secured the APIs by implementing **OAuth2** token-based authentication/authorization scheme using **Spring Security**.
* Used **Hibernate ORM framework** as a persistence engine and wrote Hibernate Queries to automate the mapping between Oracle database and Objects in Java.
* Involved in writing **SQL** and Stored Procedures for handling complex queries with the help of **TOAD** and accessing them through Java Programs from Oracle Database.
* Proficient in provisioning, configuring, and managing **EC2** instances for hosting Java-based applications, ensuring optimal performance and resource utilization.
* Installed, secured, and configured AWS cloud servers and Amazon AWS virtual servers (Linux).
* Worked on AWS services to deploy static websites and dynamic Web Apps on EC2 using **Elastic Beanstalk** and **Elastic Container Service-Docker.**
* Tuned **Cassandra** performance by configuring caching, compaction, and read/write consistency levels based on specific application requirements.
* Conducted data migration and backup procedures to seamlessly transition between **Cassandra** versions and safeguard against data loss.
* Collaborated with cross-functional teams to troubleshoot and resolve performance bottlenecks and scalability challenges in **Cassandra** clusters.
* Proficient in multithreading and concurrency mechanisms in **Core Java,** demonstrating expertise in designing and implementing scalable, high-performance applications.
* Advanced knowledge of design patterns and architectural principles in **Core Java,** enabling the development of modular and maintainable software solutions.
* Involved in creating EC2 instances, installing required configurations and applications, and **creating S3 buckets** for storing object-level data.
* Used **Kafka** to handle data pipeline for high-speed filtering and pattern matching on the fly and monitoring data pipeline operations.
* Collaborated closely with development teams to implement Kafka event sourcing patterns, ensuring data consistency.
* Developed the monolithic application and involved in migrating existing monolithic application into **Micro Service Architecture** based RESTful Service and deployments were done on **AWS**.
* Developed RESTful web services using **Spring Boot** framework, employing annotations for configuration and minimizing XML configuration.
* Hands-on Coding to build REST Micro Services using **Spring Cloud, Oracle, XSD, JSON, Spring Config, Cloud Foundry, and Jenkins.**
* Managed **Hadoop cluster installation,** configuration, and maintenance, ensuring high availability and optimal performance.
* Implemented security measures such as authentication, authorization, and encryption to safeguard data.
* Designed and developed data pipelines using **MapReduce, Spark, and Hive**, enabling efficient data processing.
* Implemented **ETL processes** to ingest and transform data from diverse sources into **Hadoop**, ensuring data quality.
* Leveraged **Hadoop ecosystem tools** to write complex SQL-like queries for data analysis and reporting.
* Managed clustering and load balancing configurations for high availability and scalability, optimizing application performance.
* Automated **Hadoop cluster deployment** and configuration using Ansible, ensuring consistency across environments.
* Evaluated and selected appropriate **Hadoop ecosystem components** based on project requirements.
* Conducted performance tuning and optimization of **WebLogic** environments, improving response times and resource utilization.
* Designed and maintained a standardized **Maven project template** that accelerated new project setups and ensured consistent development environments.
* Collaborated with development teams to define and enforce **Maven** best practices, resulting in improved build reliability and decreased build-related issues.
* Integrated **Kubernetes** into CI/CD pipelines for continuous integration and deployment of containerized applications.
* Automated deployments to **Kubernetes clusters** using tools like Helm and Kubernetes Operators.
* Managed **Kubernetes** clusters across multiple cloud providers or on-premises data centers for hybrid and multi-cloud deployments.
* Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines for database schema changes, improving deployment efficiency.
* Developed custom **Kibana** visualizations leveraging Elasticsearch queries to provide real-time insights into system performance metrics, contributing to a 20% improvement in troubleshooting efficiency.
* Implemented advanced data aggregation techniques in **Kibana** to streamline log analysis processes, reducing incident response time by 30%.
* Integrated **Kibana** with external data sources via **RESTful APIs**, enabling cross-platform data visualization and enhancing data-driven decision-making capabilities.
* Managed **Terraform** state files and backends to maintain a consistent and centralized state management for
* distributed teams. Orchestrated infrastructure provisioning and management workflows using Terraform.
* **Environment**: Agile methodology, Java, J2EE, Hibernate, Kafka, Spring, XML, JSP, JAX-RS, Spring AOP, Spring security, Oracle, Hadoop, MapReduce, Spark, Hive, JSP, HTML, AJAX, JavaScript, jQuery, AngularJS, Docker, Core Java Kubernetes, Kafka, GIT, JIRA, PL/SQL, STS, JUnit, , Microservices ,Log4J, Kibana, Maven, Jenkins, Team Forge, WebLogic Application Server, AWS IAM, EC2, S3, RDS, SQS, Terraform.

**Client: Verizon, Dallas, TX Jan 2018 – Oct 2019**

**Role: Full Stack Developer**

* Designed and implemented the Single Page User Interface for client service module using **Angular 8**, **HTML5**, **CSS3**.
* Optimized the performance of applications using **Angular Lazy Loading** and ahead of time compilation.
* Extensively used **Angular 8** for data binding and developed controllers, directives, and filters and integrated with backend-services.
* Created Services to consume **REST API's** and to communicate between components using **Dependency Injection** provided by **Angular 8**.
* Involved in End-to-End Design, Development and Testing of Streamlets module. Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Followed **Agile** and **SCRUM** methodologies.
* Designed and implemented the Single Page User Interface for client service module using **Apache Tapestry**, **Angular**, **HTML5**, **CSS3**.
* Utilized the features of the **Apache Tapestry** framework to manage component lifecycles, event handling, and rendering of dynamic web content.
* Collaborated with frontend and backend teams to integrate Apache Tapestry components seamlessly into the overall application architecture.
* Used **Java 8 Stream API** and **Method References** features to point to methods by their names and used **functional Interfaces.**
* Used **Spring Core annotations** for **Spring Dependency Injection**, **Spring MVC** for **Rest API’s** and **Spring Boot** for microservices. Developed microservices with Spring and tested the application using Spring Boot.
* Used **Spring ORM** with **Hibernate** taking advantage of features like **Annotation metadata**, **Auto wiring,** and **Collections** to implement DAO layer with **Hibernate Session Factory, HQL,** and **SQL.**
* Wrote **Hibernate configuration** file, hibernate mapping files and define persistence classes to persist the data into **Oracle Database**.
* Implemented **PowerShell scripts** to monitor system performance, event logs, and resource utilization, enabling proactive issue detection and resolution.
* Worked on **WSDL, Swagger** and **WADL** implementing **Soap services** using **Axis-2** and **Apache CXF framework & Restful Services.**
* Proficient in **MongoDB**, a **NoSQL** database system, adept at handling large volumes of unstructured data efficiently.
* Developed and implemented dynamic filtering for **restful webservices** using **Spring Boot.**
* Implemented continuous integration using **Maven** and **Jenkins**, triggering automated builds and tests on each code commit, leading to faster feedback and improved code quality.
* Created custom **Maven reporting plugins** to generate comprehensive project documentation, including code metrics, test reports, and dependency analysis.
* Setup the continuous Integration (CI) process and continuous deployment (CD) jobs in **Jenkins’s** brew master instance, which reduces the time for the deployment of micro services.
* Created and maintained documentation outlining **WebLogic** server configurations, deployment procedures, and troubleshooting guidelines.
* Troubleshot and resolved performance bottlenecks in **WebLogic servers**, optimizing garbage collection, memory, and thread management.
* Created and managed domain configurations, including **JDBC data sources,** **connection pools**, and **security realms.**
* Set up **AWS Oracle RDS databases** for new projects, used data pump to migrate data to **Relational Database Services (RDS).**
* Experienced with RDBMS implementation and development using **Oracle, MySQL, MSSQL, and DB2**.
* Designed, configured, and deployed **Amazon Web Services** for many applications utilizing the **AWS API** **gateway** and **ELK (Elasticsearch, Kibana, Logstash)** stack focusing on high availability.
* Developed custom **Kibana plugins** to enhance visualization capabilities and provide tailored insights into large datasets.
* Configured alerting and notification mechanisms in **Kibana** to proactively identify and address critical issues, minimizing downtime.
* Implemented robust **CI/CD pipelines** to automate software delivery, significantly reducing manual intervention and accelerating deployment cycles.
* Orchestrated seamless integration of **CI/CD tools** within existing development workflows, optimizing efficiency and ensuring consistent code quality across multiple projects.
* Leveraged advanced **CI/CD** practices such as automated testing, version control, and continuous monitoring to enhance software reliability, scalability, and maintainability.
* Developed complex **Elasticsearch (ELK)** queries and aggregations to extract actionable insights from structured and unstructured log data, aiding in troubleshooting and root cause analysis.
* Defined KPIs for **Kafka monitoring,** driving alignment across teams and enabling swift identification of performance bottlenecks.
* Led a cross-functional team in implementing an event-driven architecture, designing guidelines for **Kafka** **adoption** and integration.
* Implemented monitoring and logging solutions for **Kubernetes clusters** using tools like Prometheus, Grafana, and Elasticsearch to ensure visibility and troubleshoot issues.
* Leveraged **Grafana's** templating features to dynamically generate dashboards for monitoring multiple instances of Java applications across various environments.
* Integrated **Grafana** with Prometheus and Influx DB to collect, store, and visualize time-series data, facilitating performance analysis and capacity planning.
* Implemented resource quotas and limits within **Kubernetes** to manage resource utilization and prevent resource contention.
* Shaped the organization's asynchronous communication strategy by championing **SQS for decoupling and scalability.**
* Proficient in implementing comprehensive unit testing strategies leveraging **JUnit** for Java backend, **Jasmine** for frontend **JavaScript**, and integrating **Mockito** and **Karma** for mocking dependencies and testing **Angular** components, ensuring robust code coverage and reliability across the entire software stack.
* Used **GIT** for version control and **JIRA** for bug tracking, project management and **Maven** as build tools.
* Utilized **Terraform** to provision and manage cloud resources, including virtual machines, databases, storage, and networking components, across various cloud provider such as AWS.
* Designed and implemented modular **Terraform code**, allowing for code reuse and scalability across multiple projects or environments.
* **Environment**: Java 8, Maven, Hibernate, React JS, Angular 8, HTML5, CSS3, Kafka, SQS, Apache Tapestry, Apache Tomcat, Microservices , Json, , Microservices, Java script, Spring, Oracle, PostgreSQL, SQL, Spring JDBC, Eclipse, JUnit/Mockito, Karma, JMeter, Selenium, WebLogic, Jenkins, TFS, Chef, GitHub, Docker, Kubernetes, Terraform.

**Client: AT&T, Jersey City, NJ Aug 2016– Dec 2017**

**Role: Full Stack Developer**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis, and Code development.
* Worked on front end, business, and persistence tier using **JSP**, **Java Script**, and **Hibernate** frameworks.
* Involved in performance tuning of application, monitoring the end of day load and application behavior using **JProfiler**.
* Actively contributed to the development and ongoing maintenance of web applications built on the **Angular 8** **framework**.
* Demonstrated proficiency in utilizing **Angular 8's Ivy Renderer,** a significant enhancement that optimized rendering performance.
* Strategically implemented differential loading in **Angular 8** applications to optimize browser compatibility.
* Effectively applied dynamic imports within Angular 8 applications to achieve efficient lazy loading of modules.
* Leveraged the **Angular CLI** extensively to streamline project setup and management tasks.
* Encompassed configuring routing to enable smooth navigation, implementing state management **using NgRx** for effective data management and synchronization, and handling **HTTP requests** to communicate with back-end services, ensuring seamless data exchange within the application.
* Developed Microservices & APIs using **Spring Cloud, Spring Security, Spring Boot, Spring Integration**.
* Developed UI and interaction with Spring Boot REST Service.
* Developed Components, models, models, Business validation and services using **Spring Boot**.
* Setting up the Configuration to connect to the services and change the default configuration using **Spring Boot**.
* Developed the code components to make Web Services calls to retrieve data from the backend components.
* Involved in production support activities and performance tuning and process improvements.
* Setting up the build, configuration, and auto-deploy using **Maven Build Tool**.
* Contributed to open-source **Maven plugins** or extensions, showcasing expertise and engagement within the larger development community.
* Conducted training sessions for development teams on advanced Maven features, empowering them to independently manage build configurations and resolve build-related issues.
* Managed and maintained artifact repositories within **Team Forge** and **TFS**, ensuring proper versioning, storage, and accessibility of build artifacts.
* Explored new tools and frameworks within the **Hadoop ecosystem,** such as **Impala, Drill, and Tez**.
* Stayed up to date with emerging trends and technologies in the **big data** and **Hadoop ecosystem**.
* Configured Kerberos authentication for secure access to **Hadoop services** and resources.
* Contributed to the development of the organization's big data strategy, outlining the use of Hadoop and related technologies.
* Implemented IIS server monitoring and logging strategies to track performance metrics, troubleshoot issues, and optimize resource allocation.
* Designed and implemented rolling deployments and zero-downtime upgrades using WebLogic’s rolling upgrade and side-by-side deployment features.
* Developed Test cases using Behavioral Driven Development (BDD) methodology.
* Involved in Database design, writing SQL Queries, stored procedures in **Oracle**.
* Provisioned, configured, and managed **Aurora PostgreSQL clusters** to ensure optimal database performance and availability.
* Designed and implemented data storage solutions using **GCP Cloud Storage**, ensuring data durability, accessibility, and cost-effectiveness.
* Configured **IAM policies** and roles to manage permissions and access control for **GCP resources**, enhancing security.
* Configured **GCP** load balancers, including HTTP(S), TCP, and SSL proxy load balancers, to distribute traffic and improve application availability.
* Set up and configured **Kafka clusters** to enable real-time event streaming across services.
* **GGTS** is used as Java IDE tool for creating XML and **Groovy (GSP).**
* Deployed WAR, EAR, and JAR files in **JBOSS** application server.
* **Environment**: Java, Maven, Ant, Java Script, Angular 8, , Microservices, TFS, Team Forge, Spring boot, Spring Security, Spring Cloud, Rest API, GCP, Oracle, Hadoop Ecosystem,Impala, Drill, Tez, PostgreSQL, Jenkins, Maven, Git, Agile, JIRA, Kafka.

**Client: GVS Projects, Hyderabad, India July 2014 – Dec 2015**

**Role: Java Developer**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis, and Code development.
* Implemented Different Design patterns like singleton, factory and J2EE design patterns like Business delegate, session facade, Value object and DAO design patterns.
* Used **Spring Framework’s IOC** Dependency Injection to inject Service Object using Service Locator Design Pattern into Action Classes.
* Developed the application under J2EE Architecture using spring, Struts, Hibernate, Servlets, Web logic and JSP.
* Strong development skills in designing and developing **microservices** along with **Spring Boot** and Coherence cache implementation.
* Experience in persistence layer framework like Hibernate for Object Relational Mapping (**ORM**) with database and querying by HQL and Criteria.
* Code generation for Java (Bean) classes, Form Handlers, **JSP** pages, Custom Droplets, Dynamo Servlet Beans using RQL.
* Used join point and advice **Spring AOP** modules for cross cutting concerns and IOC for dependency injection.
* Good Knowledge in coded Java applications on both client-side and server-side using JDBC and advanced Multithreading.
* Wrote test cases using **JUnit** as the Unit testing framework and Protractor as automation testing for the developed Java application.
* Wrote complex **SQL queries** to join, analyze and extract data from various data sources with department needs
* Worked on structuring database schemas using a **mongoose migration** system in **MongoDB** for quickly implementing logic for manipulation of data.
* Used **SVN** for version control and used eclipse as the IDE for developing the application.

**Environment**: Java, JSP, Servlet, EJB, spring, JavaScript, Hibernate, Multithreading, Query, Struts, Design Patterns, HTML5, CSS3, JMS, XML, Eclipse, Apache, Oracle ECM, Java 8.0, Struts, AWS.

**Client: Cloud Digital Media, Hyderabad, India Jun 2012 – May 2014**

**Role: Java Developer**

* Worked as an **Agile Developer** and involved in getting requirements, design, development, Unit and Integration testing.
* Using **Spring IOC(Dependency Injection)**, developed Java Beans, with setters and getter properties done by Spring.
* Built restful web API with Spring, **Spring Boot**, and testing APIs using **Postman** and **SOAP/UI**.
* Configured and Implemented Spring Application Context to instantiate all bean classes in **Spring MVC** application.
* Solid understanding of multithreading concepts in Java, including **threads**, synchronization, and concurrency.
* Involved in development using spring, **Hibernate** and JSF Framework. Used ANT script for project deployment.
* Implemented the **Spring Aspect Oriented Programming** for declarative transaction management and configuring joints.
* Experienced in using **Java Spring JPA** with Hibernate to integrate MySQL or SQL Server into back-end web applications and performing CRUD and aggregation operations on a database.
* Worked on **JMS** for developing messaging services and implemented message listeners for message processing and delivery.
* Used **Log4j** for tracking errors and debugging the code and Resolved bugs and Change Requests to already existing code.
* Imported/Exported the data from **SQL server** from/to .csv and excel format using SQL server import and export Wizard.
* Used **SVN** as the Version and Process Control tool for branching, merging and tagging Java source code.

**Environment**: Java, Spring Core, Spring Boot, Spring MVC, Spring AOP, MySQL, SQL, Spring JPA, SVN, Log4j, JMS.