**RASHMITHA REDDY**

(**Full Stack Developer)**

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**PROFESSIONAL SUMMARY**

* IT professional with 11+ years of experience as a Full Stack Developer specializing in the design, development, analysis, testing, and implementation of distributed web-based and client/server applications using Java/J2EE technologies.
* Proficient in UI design, having developed front-end applications using JSP, HTML5, CSS3, JavaScript, AJAX, jQuery, ReactJS, Angular 11, Typescript, and ECMAScript.
* Extensive experience with ReactJS, including React Flux architecture, React-Router for dynamic routing, and Redux/Redux Toolkit for state management.
* Expert in cloud-based deployment on Amazon AWS, with hands-on experience with EC2, VPC, S3, EBS, ELB, CloudFront, IAM, RDS, Elastic Cache, SNS, SQS, and CloudWatch.
* Hands-on experience with Docker for containerization, managing Docker images, push/pull operations with Spring Boot, and CI/CD pipelines using Jenkins.
* Skilled in building robust APIs using REST and SOAP technologies, leveraging JAX-WS, JAX-RS, JAXB, Jersey, Apache CXF for service-oriented architectures.
* Proficient in microservices architecture, working with Spring Boot, Netflix Eureka, and implementation using NodeJS.
* Extensive knowledge of Spring Framework, including Spring MVC, Spring Boot, Spring Microservices, Spring Batch, and Spring Eureka.
* Experience with Java versions 1.8 and 17, using features like lambda expressions, method references, Stream APIs, and multithreading to improve code readability, performance, and parallel processing.
* Expertise in design patterns such as Singleton, Business Delegate, DAO, DTO, MVC, and Template for enterprise application development.
* Hands-on with testing frameworks such as JUnit, Mockito, and PowerMockito for unit testing, and Jasmine, Protractor, and Karma for front-end testing in Angular applications.
* Experience with messaging tools such as Kafka, RabbitMQ, ActiveMQ, and Apache Camel, along with Java Messaging Services (JMS).
* Expert in working with databases, including Oracle, MySQL, SQL Server, DB2, and NoSQL databases like MongoDB and Cassandra, writing complex SQL queries, triggers, views, and stored procedures.
* Experience with authentication and authorization, using OAuth and JSON Web Tokens (JWT) for securing RESTful services.
* Familiarity with version control systems such as Git, using GitHub and Bitbucket for source code management, and build tools like Maven, Ant, and Log4J for automating processes.
* 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 in SR Engineering College, India. 2012

**TECHNICAL SKILLS**

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| **Category** | Technologies |
| **Cloud Technologies** | AWS (Amazon Web Services), Azure, GCP (Google Cloud Platform) |
| **Java/J2EE Technologies & Frameworks** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, EJB, JPA, Struts, Spring, Hibernate, JSF, Spring Boot, Spring Cloud |
| **Programming Languages** | Java 8 / 11 / 17, PL/SQL, Scala, Go, Python, Node.js |
| **Application/Web Servers & CI/CD** | WebSphere, Jenkins, JBoss, WildFly, Tomcat, IBM WebSphere, Jenkins, GitLab |
| **Web Technologies & Services** | JavaScript, jQuery, XML, HTML, DHTML, CSS, Angular 12, Node.js, ReactJS, JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, JAXB, Apache Axis |
| **Methodologies & Modeling Tools** | Agile, Scrum, TDD (Test-Driven Development), OOAD, SDLC, BDD, UML, Rational Rose |
| **Testing Technologies/Tools** | JUnit, JIRA, Jasmine, Karma, Jest |
| **Database Servers** | **SQL:** Oracle 8i/9i/10g/11g/12c, MS SQL Server 2000/2005, MySQL 4.1/5.1, DB2 7.2/8.1/9.1  **NoSQL:** MongoDB, Cassandra, Redis, Couchbase, DynamoDB |
| **Version Control & Build Tools** | CVS, SVN, VSS, Rational Clear Case, Stash, Git, SourceTree, GitHub, Git Desktop, ANT, Maven, Gradle |
| **Platforms** | Windows, Mac, Linux, UNIX |

**PROFESSIONAL EXPERIENCE**

**Client: Optum Rx Oct 2023 to Present**

**Role: Full Stack Developer**

**Responsibilities:**

* Developed and maintained **full-stack applications** using **Java** and **Spring Boot** for the backend and **React** for the front-end, ensuring seamless integration and high performance.
* Utilized **Java 17** features like **Streams**, **Lambdas**, and **Completable Futures** to enhance backend processing efficiency and improve response times by 15%.
* Built and deployed **RESTful APIs** using **Spring Boot**, ensuring scalable **microservices architecture** with seamless interaction across different services.
* Integrated **GraphQL APIs** into **React** applications for efficient data fetching, reducing API response times by 30%.
* Designed and implemented complex database queries using **MongoDB** and **Cosmos DB**, improving query performance and database scalability.
* Automated testing with **JUnit** integrated into **Jenkins CI/CD pipelines**, achieving 90% test coverage and reducing manual testing efforts.
* Developed real-time features in **React** using **WebSockets**, ensuring consistent application state across multiple users.
* Led the development of reusable front-end components using **React** and **Redux**, ensuring efficient state management and reusability across projects.
* Configured and optimized **Cosmos DB** queries to handle large-scale data, reducing query execution time by 20%.
* Deployed applications on **Azure** using **App Services** and **Azure Functions**, improving application scalability and reducing infrastructure costs.
* Managed **CI/CD pipelines** in **Jenkins** for automating builds, tests, and deployments, reducing deployment time by 40%.
* Utilized **SonarQube** for continuous code quality analysis, reducing technical debt and ensuring code quality through automated code reviews.
* Implemented **OAuth2** and **JWT authentication** in **Spring Boot applications**, improving security for API endpoints and ensuring secure user authentication.
* Used **React’s HTTP service** to handle GET/POST/PUT/DELETE requests, ensuring efficient communication with back-end APIs.
* Led the migration of a legacy monolithic application to **microservices** using **Spring Boot** on **Azure**, reducing downtime and improving scalability.
* Integrated **Cosmos DB** with **Java**-based **microservices**, optimizing read/write operations for real-time data access.
* Implemented **GraphQL APIs** for complex queries, allowing clients to fetch precise data and reduce redundant API calls.
* Built and managed **Docker** containers for **Java microservices**, ensuring consistent environments across development, staging, and production.
* Enhanced application performance by optimizing **React components** and leveraging lazy loading, reducing page load times by 25%.
* Configured role-based access control using **Spring Security**, ensuring data privacy and securing APIs for different user levels.
* Deployed and monitored applications on **Azure** using **Azure Monitor** and **App Insights**, ensuring high availability and quick resolution of performance issues.
* Optimized database schemas in **MongoDB** and **Cosmos DB**, reducing data retrieval times for high-traffic applications.
* Collaborated with **DevOps** teams to streamline **Jenkins pipelines**, reducing the build and deployment cycle time by 30%.
* Led the development of **GraphQL integrations**, enabling flexible data queries for **React clients** and improving API performance.
* Implemented caching strategies using **Redis** in combination with **Cosmos DB**, reducing load on the database and improving API response times.
* Managed cloud infrastructure on **Azure**, deploying and scaling applications using **Kubernetes** and **App Services**.
* Automated integration tests using **JUnit**, improving the overall system reliability and reducing production issues by 20%.
* Integrated **SonarQube** with **Jenkins** for continuous code analysis, ensuring adherence to best practices and reducing code smells.
* Implemented pagination and filtering in **React** to efficiently manage large datasets, improving user experience for data-heavy applications.
* Designed **microservice architecture** using **Spring Boot** and deployed on **Azure**, ensuring modularity and fault tolerance in cloud environments.

**Environment:** Java 17, Spring Boot, React, Redux, GraphQL, REST APIs, MongoDB, Cosmos DB, WebSockets, Azure App Services, Azure Functions, Jenkins, CI/CD, JUnit, SonarQube, OAuth2, JWT, Docker, Kubernetes, Redis, Kafka, RabbitMQ, HTML, CSS, JavaScript, Eclipse, Azure Monitor, App Insights, JMeter, Selenium, Log4j, GitHub.

**Client: Multiplan Aug 2021 to Oct 2023**

**Role: Full Stack Developer**

**Responsibilities:**

* Utilized the entire **Software Development Life Cycle (SDLC)** to drive projects from design through implementation, ensuring quality and timely delivery.
* Implemented **CSS3**, **HTML5**, **React**, **TypeScript**, **ES6**, **JavaScript**, **JSON**, and **jQuery** for developing dynamic user interfaces.
* Developed **single-page applications (SPAs)** using **ReactJS**, **Flux**, and **React Router** to facilitate dynamic content loading and navigation.
* Created responsive and mobile-friendly web designs with **HTML5** and **CSS3**, enhancing user experience across devices.
* Integrated front-end technologies (**HTML**, **CSS**, **JavaScript**, **AJAX**) with **Spring** applications to ensure seamless functionality.
* Engineered cross-browser compatible **JavaScript** code to guarantee a consistent user experience across various web environments.
* Utilized **React** to capture user actions and dynamically render UI elements based on real-time interactions.
* Designed and implemented **REST APIs** using **Java 17** with **Spring Boot**, enabling scalable **microservices architecture**.
* Developed robust backend services leveraging the **Spring Framework**, **Hibernate**, and **Spring Data JPA** for effective database connectivity.
* Employed **Java 17** features such as **Lambdas**, **Streams**, and **Completable Futures** for writing efficient and modern code.
* Integrated **JUnit** with **Jenkins** and **GitLab** to automate testing and streamline **CI/CD pipeline** processes.
* Implemented **WebSocket** protocols within **React** applications to support real-time communication and state management.
* Developed event-driven **microservices** using **Apache Kafka**, effectively managing high-volume streaming with a publish-subscribe model.
* Utilized **Docker** and **Kubernetes** for container orchestration and deployment, enhancing application scalability and management.
* Configured **AWS** services, including **EC2**, **S3**, and **Lambda**, to deploy scalable web applications in a cloud environment.
* Created and maintained **CI/CD pipelines** with **Jenkins** and **AWS** for streamlined automated deployment processes.
* Familiar with **NoSQL databases**, including **MongoDB** and **DynamoDB**, to provide flexible and scalable data storage solutions.
* Designed and documented **RESTful APIs** using **Swagger** for clear communication and integration across services.
* Employed **Redis** for in-memory caching, significantly improving application performance and response times.
* Implemented secure **REST endpoints** with robust authentication and authorization mechanisms to safeguard sensitive data.
* Utilized **Git** for version control, enabling effective collaboration within development teams.
* Developed reusable components and services in **Angular 9/11**, promoting modularity and maintainability in applications.
* Implemented **Angular routing** for seamless navigation between views, enhancing user experience in **single-page applications**.
* Designed and executed complex **SQL queries** for data retrieval and analysis, utilizing relational databases effectively.
* Familiar with integrating testing frameworks like **JUnit** and **Mockito** to enhance unit and integration testing capabilities.
* Employed logging frameworks such as **Log4J** for effective debugging and performance monitoring of applications.
* Created and managed **Terraform** scripts for **infrastructure as code (IaC)** deployments on **AWS**, streamlining resource management.
* Integrated **AWS CloudFormation** for efficient provisioning and management of cloud resources, enhancing deployment consistency.
* Developed dynamic front-end components using both **React** and **Angular**, ensuring a responsive design across applications.
* Collaborated with stakeholders to refine test scenarios and implement **Behavior Driven Development (BDD)** utilizing **Cucumber**.
* Created and maintained **Elasticsearch** clusters for effective data indexing and search functionality, enhancing data accessibility.
* Designed and deployed **microservices** using **Spring Boot**, focusing on security measures and scalability in application architecture.
* Configured **RabbitMQ** for distributed messaging, facilitating asynchronous communication between **microservices**.
* Implemented **CI/CD** practices with **Jenkins** to automate testing and deployment of **Spring Boot** applications, ensuring reliability.
* Familiar with deploying applications in serverless architectures utilizing **AWS Lambda** and **API Gateway** for reduced operational costs.
* Developed monitoring and alerting systems for applications using **AWS CloudWatch**, enhancing operational visibility and performance.
* Utilized **AWS Elastic Beanstalk** to deploy and manage applications, leveraging its scalability and ease of use for deployment.
* Implemented **Amazon RDS** for managing relational databases, ensuring secure and reliable data storage for applications.
* Involved in writing **SQL queries** and stored procedures for handling complex data operations, accessed via **Java applications** using **JDBC**.
* Leveraged **AWS Lambda** for executing serverless functions, enabling event-driven architecture and reducing operational costs.

**Environment**: Java 17, Maven, Hibernate, React JS, HTML, Kafka, RabbitMQ, Apache Tomcat, Json, Java Script, Spring, Spring ribbon, Oracle, Mongo DB, JDBC, Eclipse, JUnit/Mockito, JMeter, Selenium, Jenkins, GitHub, Kubernetes, Docker, Log4j, AWS EC2.

**Client: Fortress Investment Group Mar 2020 to Jul 2021**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
* Developed the view-controller components using **JSPs, HTML5, CSS3, AJAX, JavaScript (jQuery)**.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **Angular 8.**
* Hands-on experience in developing integration with Elastic search in any of the programming languages like **JAVA 11** and JavaScript. Having knowledge of advance reporting using **Elastic search** and **Node JS.**
* Implemented core features of **Angular 8** framework such as dependency Injection, Databinding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Used **Java 11** features like stream and Lambda expressions.
* Maintained Interface compatibility and concurrency in the project using **Java 8** new features like default, static methods, and Concurrency API.
* Used **Java 8** Method References feature to point to methods by their names and used functional Interfaces.
* Used **Spring MVC** framework for implementing Model-View- Controller (MVC) architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details etc.
* Used **Spring Batch** for processing large amount of data like transaction management, job processing, resource management and logging.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using spring security.
* Used **Hibernate** ORM framework as persistence engine and wrote Hibernate Queries to automate the mapping between **Oracle** database and Objects in **Java.**
* Experience with leveraging **Terraform** providers and plugins to interact with various cloud services and APIs.
* Proficient in provisioning and managing cloud resources using **Terraform** declarative syntax.
* Utilized **Azure App Service** to deploy and run the application, leveraging the platform's scalability, security, and availability features.
* Implemented **Azure SQL Database** to manage and store the application data, ensuring reliable and secure data storage and management.
* Involved in writing **SQL** and Stored Procedures for handling complex queries with help of **TOAD** and access them through Java Programs from **Oracle Database**.
* Familiarity with optimizing queries in **NoSQL** databases through indexing, denormalization, and using appropriate data structures.
* Worked with **MongoDB** to store non-relational data into collection and retrieve them whenever required.
* Used **WebLogic** server to route our JMS queue messages to different business floors and configured routes in WebLogic and used JMS in e-mail notification.
* Worked on setting up **Maven** scripts to build, package, and deploy application code to the target WebLogic Application Servers and worked on continuous integration servers like **Jenkins**.
* Developed the monolithic application and involved in migrating existing monolithic application in to **Microservice** Architecture based **REST**ful Service and deployments were done on **AWS**.
* Designed and developed Microservices business components using **Spring Boot**.
* Hands on Coding to build **REST** Microservices using Spring Cloud, Oracle, XSD, JSON, Spring Config, Cloud Foundry and Jenkins.
* Utilized **HTML5** Semantic Tags to improve page structure and SEO, ensuring clear and meaningful content hierarchy and organization.
* Utilized **CSS3** **Flexbox** and **Grid** Layout to implement responsive and flexible page layouts, ensuring seamless and intuitive user experience across different devices and screen sizes.
* Utilized **Angular** Material to implement a consistent and modern design system for the application, improving visual appeal and usability.
* Familiarity with cloud platforms such as **AWS, Azure**, and **Google Cloud Platform** for deploying and hosting **Spring Boot** applications.
* Experience in configuring **RabbitMQ** clusters for high availability, fault-tolerance, and scalability.
* Expertise in using **CSS3**, **HTML5**, **React, TypeScript, ES6, JavaScript, JSON** and **jQuery** to create UI web pages.
* Developed user interface by using the **React JS, Flux** for SPA development, also used React forms for data driven form components and React router to define module level routing.
* Experience with deploying and managing Confluent Platform, **Kafka** on cloud platforms like **AWS, GCP, or Azure**.
* Familiarity with Confluent Cloud, a managed **Kafka** service.
* Proficient in designing RESTful API architectures following best practices for scalability, maintainability, and performance.
* Experienced in handling various data formats, such as **JSON** and **XML**, for request payloads and response data.
* Proficient in using **Elasticsearch APIs**, including the **RESTful API** for data manipulation and management.
* Experience in implementing security measures for Elasticsearch clusters, including authentication, authorization, and **SSL/TLS** encryption.
* Proficient in creating and managing virtual machines (VMs) using **Google Compute Engine**.
* Skilled in setting up and configuring **GCP** networking components, including Virtual Private Cloud (**VPC**) networks, subnets, and firewall rules.
* Familiarity with optimizing **DynamoDB** performance by selecting appropriate read and write capacities, and using auto-scaling features.
* Demonstrated ability to integrate **DynamoDB** with serverless compute platforms like AWS Lambda, enabling event-driven applications.
* Responsible for creating an instance on Amazon EC2 (**AWS**) and deployed the application on it.
* 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.
* Involved in creating **EC2** instances and installed required configurations and applications on it and created **S3** buckets for storing object level data into it.
* Used **AWS Cloud Watch** to monitor the application and to store the logging information.
* Used **Kafka** to handle data pipeline for high-speed filtering and pattern matching on the fly and monitoring data pipeline operations. This involves aggregating statistics from distributed applications to produce centralized feeds of operational data.
* Proficient in designing and implementing real-time communication using **WebSocket** protocol.
* Skilled in establishing **WebSocket** connections, handling messages, and managing data flow.
* Developed API’s to read and publish data from Elasticsearch cluster using native **Java** Transport client as well as **REST** client. Worked on **Spring** **Integration** with the **Elasticsearch**
* In-depth knowledge of **Kubernetes** architecture, including the control plane and worker nodes.
* Familiarity with monitoring **Kubernetes** clusters using tools like **Prometheus** and **Grafana**.
* Skilled in designing **AEM** architectures that promote scalability, performance, and maintainability.
* Demonstrated ability to follow **AEM** best practices, including using sling models, servlets, and OSGi components.
* Proficient in writing and automating tests using **Cucumber** for Behavior-Driven Development (**BDD**).
* Focused on **Test Driven Development** there by creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* Performed automation testing and authored test scripts using **Selenium Web Driver, Selenium Grid and Junit**.
* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins, Maven** for build packaging and deployments of the application components.

**Environment**: Agile methodology, Java, J2EE, Hibernate, Spring, XML, JSP, JAX-RS, Spring AOP, Spring security, Oracle, MongoDB, JSP, HTML, AJAX, JavaScript, jQuery, Angular 8, Docker, Kubernetes, Kafka, GIT, JIRA, PL/SQL, STS, JUnit, Log4J, Maven, Jenkins, WebLogic Application Server, AWS IAM, EC2, S3, RDS, SQS

**Client: Rubrik, California, CA. Oct 2018 to Feb 2020**

**Role: Full Stack Developer**

**Responsibilities:**

* Worked in an **Agile** based development environment and participated in Retrospective, **Scrum** session for better understanding, communication among team members.
* Involved in various phases of Software Development Life Cycles (**SDLC**) like Design, Development, and testing phases, and developed Use Case diagrams, Class diagrams, and Sequence diagrams.
* Acquired process awareness for software development and deployment.
* Interacted with the Business analysts to gather required Functional specifications documents (**FSD**) for the project.
* Used **Java 8** Lambda expressions along with **Streams** for creating internal iteration and performing chain operations such as Map, collect on a collection Objects, Filters.
* Developed UI using **HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular 6** and **NodeJS** and Developed prototype and project layout skeletons using **ReactJs, JQuery, HTML5, and CSS3**.
* Completely involved in designing and developing persistence layer using **JQuery, Ajax** and third-party libraries.
* Used various **JQuery** and **Bootstrap** plug-in like data picker, Bootstrap selectors.
* Developed reusable UI components using **Angular 6**.
* Involved in **Java**code, which generated XML document, which in turn used XSLT to translate the content into HTML to present to GUI.
* Developed multiple enterprise applications using **Hibernate** framework, Spring IOC, Spring MVC, Spring Boot, Spring DBC, Spring Annotations, Spring AOP, Spring Integration, frameworks, RESTful web services.
* Implemented authentication and authorization for the application using **Spring Security** and **Oauth2**.
* Implemented **Spring IOC** for Dependency Injection and to make the code loosely coupled and **Spring AOP** for logging purposes.
* Experienced in using vanilla **JavaScript** and libraries like **jQuery** for efficient DOM manipulation.
* Developed reusable and modular **Angular** components, such as directives, pipes, and services, to improve code maintainability and scalability.
* Used **React JS** to capture user actions and render the relevant action, as well as dynamically render the UI based on user actions.
* Implemented **SOAP** based JAX-WS Webservices interfaces for integrating multiple systems, code re-usability and consumed JMeter to test performance of **SOAP** protocol.
* Implemented **RESTful web services** which produces both XML and JSON files to perform tasks, RESTful web services using Jersey for JAX-RS implementation, which leveraged both web & mobile applications.
* Implemented **Microservices** into existing system architecture.
* Developed **Microservices** business components and **REST**ful service endpoints using **Spring Boot.**
* Implemented **NodeJS** Utility Modules, Buffers, streams, Event loops for developing the application at server side.
* Used **Spring Boot, Spring Security** to build **Microservices** and deployed them to AWS cloud and Used Spring Cloud AWS Core, Spring loud AWS Context, and Spring Cloud AWS Messaging.
* Utilized **AWS**Lambda platform to upload data into **AWS S3** buckets and to trigger other Lambda Functions Including **AWS EC2, MongoDB** focusing on high-availability, fault tolerance, and auto-scaling.
* Worked on Dockers container implementation for Enterprise build system, **Dockers** container management along with volumes, container-based DB and services, Docker Art Factory, and setup.
* Used **Spring Boot**, which is radically faster in building cloud Microservices and develop **Spring MVC**, based application with very less configuration.
* Experienced in defining entities, relationships, and annotations for **JPA** entities.
* Proficient in executing data manipulation operations (INSERT, UPDATE, DELETE) using **SQL** statements.
* Skilled in managing transactions using **SQL** transactions and SAVEPOINTs.
* Implement and enhance TAF (Test Automation Framework) application to invoke **SOAP** and **Restful Web Services**.
* Implemented Custom Exceptions depending on the **API** Responses.
* Implemented Spring boot microservices to process the messages into the **Kafka** cluster setup.
* Utilize **EBS** to store persistent data and mitigate failure by using snapshots.
* Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* **Environment**: JDK 1.8, Angular 6, Spring, Hibernate, Spring Boot, LINUX, Maven. RESTful Web Services, Jenkins, HTML5, CSS3, React JS, Bootstrap, JavaScript, jQuery, Ajax, Node.js, MongoDB, SoapUI, Postman, API Life Cycle, JUnit, JMeter, Git, JAX-RS, JIRA, Cucumber, Kafka, Putty, Agile.

**Client: WellCare, Tampa, FL. May2017 to Sep2018**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in different phases of SDLC such as requirements gathering, technical design and implementation. Followed **Agile** Methodologies software development paired programming, **Test Driven Development (TDD)** process, from development phase to testing phase and the postproduction phase, and Scrum meetings.
* Analyzed the technical requirements and created various models required for the project. Implemented Model View Controller (MVC) architecture using **Spring MVC** Framework.
* Implemented **JAVA/J2EE** design patterns such as Factory, DAO, Session, Façade, and Singleton.
* Implemented single page applications with **AngularJS** using custom directives and developed Angular2/4 routes using route providers.
* Used **Spring MVC** architecture with Hibernate to implement DAO code and used **RESTful Web Services** with XML parsing to interact with other modules.
* Used **Spring** container for data source and to load the Hibernate specific classes.
* Used **Hibernate** framework in persistence layer for mapping an object-oriented domain model to Oracle database.
* Developed **Restful web services** by using JAX-RS [JERSEY] for integrating multiple systems, created, and read the JSON objects by using JACKSON libraries.
* Deploying the applications into the **Azure** and extracting the data from the Azure cloud services.
* Used **Apache Kafka** for building the real time data pipelines and storing the data in a distributed cluster.
* Configured Java objects with backend database tables using ORM mapping in **Hibernate**.
* Configure and monitor numerous **MongoDB** instances and replica sets.
* Skilled in developing interactive and responsive front-end applications using **HTML, CSS, and JavaScript**.
* Implemented **HTML5** Forms to enable user input and data submission, ensuring data integrity and security.
* Designed and developed modern and visually appealing web pages using **CSS3** styling language, improving the application's user experience and visual design.
* Knowledge of containerization technologies such as Docker and Kubernetes for deploying **Spring Boot** applications.
* Expertise in creating Custom Reusable **React** Components Library for clients and experienced in working with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites by displaying data using **React WIF, Redux, ES6.**
* Experience in migrating and transforming data from relational databases to NoSQL databases or between different **NoSQL** systems.
* Familiarity with optimizing **SQL** queries using techniques like indexing, query rewriting, and analyzing query execution plans.
* Created and Designed **XML** schemas and transformed the XML to XSLT style sheet.
* Implemented various design patterns in the project such as Data Access Object, Data Transfer Object and Singleton.
* Created Stored Procedures in **PL/SQL**, Functions for the DAO layer by studying the required business objects and validating them using Oracle database.
* Familiarity with **RabbitMQ**'s message routing mechanisms such as topic-based, direct, and fanout exchanges.
* Design and Develop **CI/CD** Pipelines in Jenkins for automating the service deployment.
* Implemented **AWS** solutions using EC2, S3, RDS, EBS, Elastic Load Balancing, Auto scaling groups.
* Used **IBM WebSphere** Application Server for deploying various components of application.
* Thoroughly Unit tested the application by writing test cases for different scenarios using **JUnit**.
* Used **Docker** to collaborate code, deliver, and run more securely from both **Windows** server, **Linux**.
* Developed Maven script and builds **Maven** and continuous integration servers like **Jenkins**.
* Used **GIT** for version control management between various integration and development streams.
* Used **Jira** to track bugs, prioritize and discuss the team’s work in full context.
* **Apache Maven** tool has been used for the build and deploy the application. Monitored the Error logs using **Log4J** and fixed the problems.
* **Environment**: Java 7, C/C++, J2EE, Angular 2/4, Spring 4.3, Spring boot, Spring AOP, Spring MVC, Scala, Hibernate 4, Microservices, MongoDB, CI/CD, PCF, AWS, JMS, JSF, CVS, REST, log4j, JUnit, Jenkins, Kafka, XML, Groovy, Grunt, Ajax, XSD, java Script, jQuery, AngularJS, NodeJS, Docker, Linux, Tomcat, Spring Tool Suite (STS).

**Kairos Technologies - Hyderabad, India. July 2012—August 2016**

**Java Developer**

**Responsibilities:**

* 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.
* Used Struts tag libraries in the **JSP** pages.
* Developed **a controller Servlet** that dispatches request to appropriate Action Classes.
* Developed the application under **J2EE** Architecture using spring, Struts, Hibernate, Servlets, Web logic and JSP.
* Used **Jenkins** as a build tool for **CI/CD** (Continuous Integration and continuous deployment) process.
* Used **Node JS** to resolve dependencies via **Angular 2**, **typescript, jasmine**.
* Good Knowledge in coded **Java** applications on both client-side and server-side using **JDBC** and advanced **Multithreading**.
* Strong development skills in designing and developing **Microservices** along with **Spring Boot** and Coherence cache implementation.
* Front end development utilizing **HTML5, CSS3,** and **JavaScript** leveraging the **Bootstrap** framework and a **Java** backend.
* Experience with Java 8.0 features such as lambda expressions, Parallel operations on collections and for effective sorting mechanisms and new Date Time API.
* Used Java Persistence API (**JPA**) and **Hibernate** for performing the Database Transactions.
* Used join point and advice **Spring AOP** modules for cross cutting concerns and **IOC** for dependency injection.
* Designed extensive additions to existing **Java** Web Application utilizing Service Oriented Architecture (**SOA**) techniques.
* **Environment**: JDK1.8, JSP, Servlet, EJB, spring, JavaScript, Hibernate, Multithreading, Query, Struts, Design Patterns, HTML5, CSS3, JMS, XML, Eclipse, Apache, Oracle ECM, Java 8.0, Struts.