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**Harshith Reddy**

**Sr. Java Fullstack Developer**

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**Professional Summary:**

* 10 years of experience in Java/J2EE, covering the full **Software Development Life Cycle (SDLC)** – analysis, design, architecture, development, testing, deployment, and maintenance.
* Extensive experience in Design and Development of multi-tier enterprise applications **using Java, J2EE, Spring, Servlets, JSP, Hibernate, JDBC, and Java Beans.**
* **Developed and maintained microservices-based applications using Java, Spring, and Spring Boot** in an agile environment, ensuring scalable, reliable, and high-performance solutions.
* Proficient in web applications using **Angular (2/4/6/11), AngularJS, React.js, Typescript, HTML5, CSS3, JavaScript, Bootstrap, jQuery, JSON, XML, and JSTL tags.**
* Managed the **entire lifecycle of microservices**, including development, deployment, scaling, and decommissioning, ensuring seamless integration within the backend ecosystem.
* Strong experience with **Java 8/9/10/11** features such as Lambda Expressions, Streams, Methods, and Optional class.
* Deployed Java backend applications to **cloud platforms (AWS, GCP, Azure),** using services like EC2, Lambda, API Gateway, and others for scaling and high availability.
* Managed **API versioning in microservices** to ensure backward compatibility and smooth interoperability.
* Developed Java services for customer data synchronization and exposed **RESTful APIs** for interaction with **Unica’s modules**.
* Designed and implemented microservices with Java and Spring Boot, incorporating polyglot persistence (SQL and NoSQL) to meet service requirements.
* Experienced in a multi-tiered distributed environment, **OOPS and OOAD concepts**, and **Service Oriented Architecture (SOA**).
* Developed and integrated **GraphQL APIs** for efficient data retrieval in frontend applications, improving query performance and reducing payload size.
* **Architected and implemented infrastructure** using **AWS Fargate, AWS Aurora Postgres, and AWS MSK (Kafka)**, optimizing system performance and resource management.
* Used **Hibernate ORM tools** which automate the mapping between SQL databases and objects in Java. Integrated the Spring and Hibernate framework. Experienced in **Unit Testing** and **generating Test cases** for web applications.
* Extensive experience in **Quality Assurance** using **Java, Testing, SQL, Selenium IDE, and Selenium Web Driver**.
* Automated infrastructure provisioning using **Terraform** and **AWS CloudFormation**, enabling reproducible, scalable environments.
* Developed serverless workflows using **AWS Lambda and Step Functions** for scalable, event-driven systems.
* Created and optimized unit tests with JUnit and non-blocking, highly scalable REST APIs using Spring WebFlux and Reactor.
* Experience in Microsoft Azure Cloud Computing, including managing Azure resources with **Azure CLI, Azure PowerShell, and Azure Portal**.
* Experience in **AWS** Cloud administration and architecture, including **AWS Lambda. IAM, EC2, Kinesis, S3, EBS, AMI, SNS, RDS, Cloud Formation** and **Cloud Watch, focusing** on high-availability and fault tolerance.
* Configured **AWS security groups and AWS IAM roles**, ensuring compliance with security standards and implementing best practices for cloud security.
* Utilized Project **Reactor’s Flux** and Mono types for handling asynchronous data flows.
* Designed and developed RESTful APIs with best practices and performance tuning for Oracle databases using tools like Oracle SQL Developer and AWR reports.
* **Monitored and logged applications** using **Datadog** and AWS native tools, improving observability, reducing mean time to resolution (MTTR), and ensuring high system availability.
* Developed and integrated messaging components with **Java and Spring frameworks**, using technologies like **JMS, RabbitMQ, Kafka, and ActiveMQ.**
* Proficient in container-based technologies such as **Docker, Kubernetes, and OpenShift.**
* Experienced with Azure Storage services, including **Blob Storage, Azure Files, and Azure Disk Storage.**
* Developed **microservices** using **Spring Boot and Node.js**, enhancing scalability, availability, and agility.
* Experienced with databases like **Oracle, MySQL, SQL Server,** and **NoSQL databases** like **MongoDB**. Proficient in complex **SQL** and **PL/SQL** programs.
* Experience with **Azure PaaS services**, including web apps, **SQL, Stream Analytics, IoT Hubs, Event Hubs, Data Lake, and Azure Data Factory.**
* Familiar with development tools such as Eclipse, IntelliJ, and Spring Tool Suite.
* Configured and deployed web applications using **IBM WebSphere, JBoss, Tomcat, and Apache servers**.
* Experienced in using Hibernate as an ORM tool and developed unit tests using Cucumber and Selenium WebDriver.
* Utilized Linux shell scripting for automating tasks and improving workflows.
* Experienced in developing **CI/CD systems** with Jenkins on Kubernetes environment, by utilizing Kubernetes and Docker for the

runtime environment for the CI/CD system to build, Test and Deploy.

* Strong experience in **Agile, Waterfall, and Scrum methodologies**, with expertise in requirements gathering, design, development, testing, and implementation.
* Ensured compliance with SSDLC practices by implementing thorough security assessments and performing detailed code reviews.

**Technical Skills:**

**Languages:** Java/J2EE (expert), C, C++, Python, SQL, PL/SQL.

**Java/J2EE Technologies:** Servlets, JSP, JDBC, JUNIT, JAXB, JMS, JSTL, Maven, Multi-threading

**Web Technologies:** JavaScript, XML, HTML5, CSS3, AJAX, jQuery, JSON

**Frameworks:** MVC, Spring Hibernate, Bootstrap, Angular.js, React js, Node.js, React.js, Maven.

**Web Services:** SOAP, WSDL, WADL, REST (AX-RS), Microservices

**Scripting Languages:** JavaScript, jQuery, Shell Script

**Web/Application Servers:** Apache Tomcat, WebLogic, Jetty

**Databases:** Oracle9i/10g/11g/19c/12c, MySQL, MSSQL, DB2, PostgreSQL, DynamoDB

**Cloud Computing:** Amazon EC2, Amazon S3, AWS EKS, Fargate, Lambda, DynamoDB, ECS, Terraform,Amazon RDS ,AWS Lambda, Amazon SQS,

AWS Identity and access management, AWS CloudWatch, Azure Services,DataDog.

**Tools:** IntelliJ IDEA, Eclipse, NetBeans IDE, Adobe Dreamweaver, Adobe Flash

**Testing Tools:** Selenium, Junit, Mockito,Cucumber.

**CI/CD:** Docker, Kubernetes, AWS EKS, ECS,Jenkins

**Methodology:** Waterfall, Agile Scrum, Agile Kanban

**Operating Systems:** UNIX, Linux, Windows (98, 2000, XP, Vista, 10)

**Other Tools:** SQL Developer, MySQL, JIRA, SVN, ClearCase, GitHub, Maven, ANT, SOAPUI, Postman, Putty, WinSCP, STS, MS Office, MS Visio

**Professional Experience:**

**Client: Verizon, Irving, TX Jan 2024 – Present**

**Role: Senior Fullstack Developer**

**Project Description:** This project is a crucial system built to monitor and manage the extensive network infrastructure of a telecom operator. It handles

network performance, fault management, and service provisioning, ensuring seamless connectivity and high-quality service for millions of users.

The platform delivers real-time analytics, alerts, and automated troubleshooting features to ensure network reliability and minimize downtime.

**Responsibilities:**

* Designed and implemented microservices architecture using **Spring Boot**, enabling independent deployment and scalability of services.
* Designed and implemented microservices architecture using **Spring Boot and Spring Cloud**, enabling independent deployment, scalability, and modularity of services.
* Implemented serverless architectures on AWS, leveraging **AWS Lambda, Step Functions, and DynamoDB** to create cost-effective, scalable, and event-driven solutions.
* Implemented asynchronous communication between microservices using **Kafka/RabbitMQ** for event-driven messaging, ensuring efficient data flow and reducing system coupling.
* **Developed Layer 2 networking configurations**, including LAG/LACP and Ethernet, to enhance network redundancy, balance traffic loads, and improve failover resilience.
* **Developed and optimized L3 networking protocols**, including **IPv4/IPv6, OSPF, BGP, PIM, and IS-IS**, improving routing efficiency and network stability.
* Automated multi-step workflows using **AWS Step Functions**, incorporating error handling and retries for reliable serverless processes.
* Built and optimized data pipelines using Java to process and integrate telecom data, improving accuracy and processing speed by 30%.
* Developed automated testing frameworks in Java, reducing testing time and enhancing the quality of telecom applications within the CXP.
* Designed and implemented RESTful APIs using Java to connect **telecom systems** with the CXP, facilitating seamless data integration.
* Configured microservices for dynamic service discovery and centralized configuration management using **Eureka, Consul, and Spring Cloud Config.**
* Led the development of the application using **AWS MSK (Kafka) and Spring Boot** to handle streaming data, improving system throughput by 45%.
* Integrated **AWS Lambda functions** to process streaming data and automatically trigger workflows, **reducing manual intervention by 60%.**
* Monitored system performance using **Datadog**, improving real-time alerting and reducing **resolution time** for critical issues by **25%.**
* Deployed the platform using **AWS EKS** for containerized applications, reducing deployment complexity and ensuring high availability.
* Utilized **DynamoDB for efficient data storage and retrieval,** ensuring a highly responsive user experience even under heavy loads.
* Investigated and resolved issues related to application performance, service outages, and transaction failures. Collaborated with the network and database teams to address and mitigate the root causes of incidents.
* Implemented centralized logging and exception management using tools like Log4j and Sentry.
* Integrated JUnit tests into CI/CD pipelines to automate test execution and early issue detection.
* Developed and integrated custom APIs using **Java** to connect with Unica Marketing Operations, enabling targeted customer campaigns.
* Implemented secure authentication and authorization mechanisms such as OAuth2, JWT, or API keys.
* Optimized **Java-based APIs** to reduce response times and improve customer experience.
* Developed RESTful web services and analyzed JSON, XML responses using POSTMAN.
* Designed and deployed AWS solutions using **EC2, S3, RDS, EBS, Elastic Load Balancer, and Auto Scaling groups**.
* Managed container registries using **Docker Hub and AWS ECR**.
* Set up and configured Unica environment to optimize performance and scalability.
* Utilized **AWS Lambda** to upload data into S3 buckets and trigger other Lambda functions.
* Deployed Dockerfile to containerized applications on managed Kubernetes services (EKS and AKS).
* Enhanced automated test framework using **Cypress and Page Object Model concepts**.
* Utilized tools like **JaCoCo or SonarQube** to monitor and report on test coverage metrics.
* Participated in Agile sprints, facilitated daily stand-ups, and contributed to sprint planning and retrospectives.

**Environment**: Java 8, J2EE, Spring MVC, Hibernate 4.3, Scala , HTML5, CSS3, JavaScript, AWS (VPC, E2, IAM, Route53, Lambda, Cloud Watch, ELB, S3), RESTful web services, Shell Scripts, Git, Maven, Log4j 2, Oracle 11g, JMS, JBoss, Drools.

**Client: Gainwell Technologies, Atlanta, GA**

**Role: Senior Fullstack Developer Dec 2022 – Dec 2023**

**Project Description:** Developed a motor vehicle manufacturing application that revolutionizes the automotive production process. This project enables smooth collaboration between design, engineering, and production teams through integrated communication channels, accelerating product development and quality control. Provide stakeholders with a dynamic dashboard displaying key performance metrics and production milestones, ensuring informed decision-making.

**Responsibilities:**

* Actively participated in interacting with clients to gather requirements for new enhancements.
* Created front-end interfaces using **React JS**, incorporating NPM elements and using RxJS and Redux for streamlined state control.
* Utilized Java 10 and 11 features like lambda expressions, parallel operations, multithreading, and Streams for efficient data processing and resource management.
* Applied object-oriented and SOLID design principles to ensure clean, maintainable, and scalable code architecture in Java applications.
* **Developed a full-stack platform** leveraging **Java, Spring Boot**, and **AWS Aurora Postgres** for transactional data, ensuring seamless performance even under high traffic.
* Implemented **AWS S3** for media storage and content delivery, reducing storage costs while ensuring high availability.
* Integrated **AWS MSK (Kafka)** for real-time processing of order and inventory updates, improving the system’s ability to handle concurrent user requests by 35%.
* **Configured AWS Security Groups** and **IAM roles**, ensuring a secure environment by adhering to best security practices.
* **Migrated legacy data** to **MongoDB**, optimizing database performance and enabling faster query response times for product searches.
* Developed batch processing applications using Spring Batch for handling large-scale ETL tasks.
* Utilized **Unica’s** segmentation and targeting capabilities to improve the precision of marketing campaigns.
* Created reactive endpoints using **RouterFunction** and **HandlerFunction** in **Spring WebFlux** for efficient request routing.
* Managed session persistence using Redis and Hazelcast for reliable user session handling in distributed systems.
* Developed custom annotations in Java to automate tasks, enforce standards, and streamline backend implementation.
* Monitored and optimized application performance using **JMX**, integrating with **Prometheus** and **Grafana** for comprehensive system monitoring.
* Designed and implemented event-driven architectures using **AWS Lambda, S3, DynamoDB Streams, and API Gateway** for real-time processing.
* Managed relational databases using **Amazon RDS, including migration, performance tuning, and backup/recovery**.
* Designed and developed event-driven architectures using AWS SNS and SQS for real-time notifications and message processing.
* Managed **REST API versioning**, ensuring backward compatibility during system upgrades.
* Configured centralized logging with **ELK Stack** and enabled real-time monitoring with Prometheus and Grafana.
* Developed and executed **complex database migrations** using **Liquibase**, ensuring smooth deployment.
* Applied sharding and partitioning techniques in microservices to optimize performance for distributed data.
* Utilized Spring Data JPA to simplify data access and management, including writing custom queries.
* **Migrated** data from **Oracle to MongoDB** using PL/SQL stored procedures.
* Managed Openshift clusters and scaled AWS app nodes as needed.
* Integrated Confluent Schema Registry with Kafka and implemented messaging with **RabbitMQ and ActiveMQ**.
* Conducted unit and integration testing using JUnit and Spring Boot Test, ensuring comprehensive test coverage.
* Secured backend applications using Spring Security with **OAuth2, JWT, and role-based access control**.
* Developed and deployed microservices using **Docker** and **Kubernetes**, improving resource utilization.
* Built REST APIs using **Spring Boot, Spring Cloud, Hibernate, and Swagger** for design and documentation.
* Worked closely with **QA** teams to design **JUnit test cases** and meet code coverage goals.
* Utilized Jenkins pipelines for microservices builds and deployment to Kubernetes.
* Used **JIRA** for defect management and tracking bugs in an Agile development environment.

**Environment:** Java, HTML5, CSS3, JavaScript (ES6+),React, Java 10, Spring Boot, RESTful Web Services, Apache Kafka, AWS, Kubernetes, Docker, Redux, MongoDB, Mongoose,Oracle, CI/CD (Jenkins), Maven, Jest, TestNG, Test-Driven Development (TDD), JIRA.

**Client: Bank of America, San Francisco, CA Jul 2021 – Nov 2022**

**Role: Senior Java Fullstack Developer**

**Project Description:** As a Java Full Stack Developer, I helped to create a banking application for Bank of America that intended to improve user experience and streamline financial processes. Designed and implemented both frontend and backend components, including real-time transaction processing, secure account management, and financial analytics. Utilized modern technologies and secure coding practices to ensure a seamless, intuitive user interface and robust security. Key responsibilities included developing RESTful APIs, integrating financial tools, and ensuring the scalability and reliability of the application.

**Responsibilities:**

* Designed and implemented **RESTful APIs** using Spring Boot for core banking functionalities, including transaction processing, account management, and customer service, ensuring efficient data handling and integration.
* Used Spring **Kafka** API calls to process the messages on Kafka Cluster setup.
* Created **Java J2EE** application to View Data in MongoDB.
* Worked in ‘Agile Methodology’ in developing and testing the applications during various iterations.
* Worked with **Java 10** on core and advanced technologies for effective implementation of the applications.
* Developed and maintained financial systems and applications tailored to wealth management needs, including portfolio management, risk assessment, and transaction processing.
* Integrated WebSocket in backend services to enable real-time communication between the server and clients, supporting live updates and notifications.
* Automated reporting and notifications through **AWS Lambda**, improving project transparency and ensuring timely task completion.
* **Set up infrastructure** using **Terraform**, allowing for faster deployment and management of cloud resources.
* Integrated monitoring and logging with **AWS CloudWatch** to track system performance, enhancing visibility into potential bottlenecks.
* **Optimized database queries** in **PostgreSQL**, reducing query execution time by 30% and improving application response time.
* Designed and implemented **RESTful APIs** using **Spring Boot** for core banking functionalities, including transaction processing, account management, and customer service, ensuring efficient data handling and integration.
* Created and maintained technical design documents, including class, sequence, and activity diagrams, to support backend development and provide clear documentation for banking features and services.
* Developed unit and integration tests with **JUnit** and **Mockito** to ensure the reliability and performance of backend features such as transaction processing and account management, and documented REST services using Swagger UI for API visibility and testing.
* Developed and implemented Java services to integrate Unica with customer data platforms (CDPs), ensuring the consistent flow of customer insights into marketing campaigns.
* Developed and maintained RESTful web services, improving the **efficiency** and **flexibility** of the application and reducing the number of customer complaints by **60%.**
* **Automated** the **deployment process**, reducing the time required for each release by **90%** and increasing the speed of delivery to customers
* Managed application properties and environment-specific configurations using Spring Boot’s externalized configuration feature, enabling seamless deployment across environments.
* Integrated **Spring Boot Actuator** for application monitoring and management, exposing various health and metrics endpoints.
* **Developed REST controllers** using Spring Data REST to serve the UI with required JSON data and REST exception handling controller advices to respond to bad requests and server-side exceptions.
* Consumed and tested **SOAP web services** with Spring and SOAP UI.
* Used **REST Client** and **POSTMAN** to test the rest-based services and used JUnit and Mockito to test the middleware services.
* Applied TDD principles by writing comprehensive unit tests before implementing features, resulting in robust and maintainable code.
* Managed database transactions and concurrency control using PL/SQL to ensure data consistency and integrity in high-transaction environments. Utilized savepoints, rollback, and commit statements effectively.
* Integrated Apache Kafka for real-time data streaming and processing, enhancing the application's ability to handle high-volume data with low latency.
* Designed backend services in Java to integrate with a **Customer Experience Platform (CXP),** improving real-time customer personalization and data processing capabilities.
* Implemented **Spring Boot** in **conjunction** with **J2EE** to develop scalable microservices, enhancing modularity and enabling rapid deployment in cloud-based environments.
* Optimized **API performance** through techniques such as caching, pagination, and query optimization to handle large datasets and reduce response times.
* Employed **Mockito** for mocking and stubbing dependencies in unit tests, isolating components and verifying interactions to enhance test accuracy and reliability.
* Worked extensively in writing and debugging complex **stored procedures, triggers, Inner Joins, Outer Joins, views and user defined functions.**

**Environment:** JavaScript (ES6+), Java 10, Spring Boot,SQL, RESTful Web Services, Apache Kafka, AWS EKS, ECS,Kubernetes, Docker, Redux, MongoDB, Mongoose, Restful, CI/CD (e.g., Jenkins), Maven, Jest, TestNG, TestDriven Development (TDD), and JIRA.

**Client: Comcast, Philadelphia, PA Mar 2019 - Jun 2021**

**Role: Java AWS Developer**

**Project Description:** Comcast Corporation is a leading global media and technology company that connects people to important moments and experiences. The project’s goal was to build a cutting-edge, responsive web and mobile application for Comcast, aiming to improve customer experience and simplify service management. Using modern technologies like React JS, Node.js, and various UI/UX tools, the project focused on developing an efficient, scalable, and user-friendly interface for Comcast’s digital platform.

**Responsibilities:**

* Designed and developed backend services for the Comcast project using **Java**, focusing on scalable and efficient solutions.
* Designed and implemented microservices using **Spring Boot** , ensuring a scalable and high-performance backend architecture for their advanced web and mobile applications.
* Developed and maintained **RESTful APIs with Spring Boot**, enabling seamless communication between the backend services and various frontend components of the Comcast platform.
* Utilized **AWS Lambda** to build serverless functions for backend processes , reducing server management overhead and improving scalability.
* Implemented robust authentication and authorization mechanisms using **Spring Security** for the Comcast application, ensuring secure access control and protection of user data.
* Developed and consumed **REST** and **SOAP** web services for backend communication, aligning with Comcast’s industry standards for web service security and reliability.
* Integrated **Apache Kafka** into the Comcast Application for real-time data streaming, enhancing the backend’s capability to handle high-throughput data processing and event-driven interactions.
* Managed AWS services such as **EC2, S3,** and **RDS** to optimize the cloud infrastructure for Comcast’s application, focusing on performance, cost-effectiveness, and high availability.
* Created and managed AWS S3 buckets for data storage and backup , using Glacier for cost-effective long-term archival.
* Configured **IAM roles** and **policies** for secure deployment and management of AWS resources and Lambda functions in the Comcast environment.
* Implemented **Liquibase** for managing database schema changes in the Comcast project, ensuring consistent version control and automated updates across different environments.
* Optimized backend file processing services using **Java NIO** (Non-blocking I/O), handling large files efficiently and integrating real-time data streams with Apache Kafka for the Comcast application.
* Conducted unit and integration testing using **JUnit, TestNG, and Mockito**, ensuring the reliability and robustness of backend services for the project.
* Utilized Maven for project build automation and Jenkins for CI/CD, streamlining the development workflow and deployment processes for the application.
* Written and optimized SQL queries and **stored procedures** for the Comcast application, ensuring efficient data access and manipulation within Oracle databases.
* Used Git for version control and JIRA for tracking project progress, managing tasks, and ensuring effective collaboration throughout the Comcast project.
* Implemented caching mechanisms using **Spring Cache** or other libraries to enhance performance and reduce latency in the Comcast application’s backend services.
* Configured and monitored logging with **Log4J**, facilitating effective debugging and system monitoring for the Comcast platform.
* Deployed and managed backend services on **Tomcat** servers, ensuring stable and reliable application delivery for the Comcast project.

**Environment:** Java 9, HTML, JavaScript, AJAX, jQuery, Angular 6, Microservices Architecture, Rest APIs, Spring Boot, Spring Security, AWS Cloud, TypeScript, HTML5, CSS3, Bootstrap, IntelliJ IDE, Spring, Grunt, AWS, EC2, S3, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, DynamoDB, VPC, Glacier, IAM Roles, CI/CD (Jenkins, Git), Maven, SQL, Oracle, JDBC, Git, Hudson, Karma, Jasmine, TestNG, Selenium, Postman, SOAPUI, JMeter, JIRA, Log4J.

**Client: QuinStreet, Pune, India Jul 2015 - Aug 2018**

**Role: Java Developer**

**Project Description:** Created a comprehensive Art and Design application that blends modern digital tools with classic art methods. This platform allows users to easily create beautiful visuals and interactive experiences. It supports everything from detailed illustrations to engaging multimedia projects, offering a flexible space for artists and designers to work together, explore new ideas, and impress their audiences.

**Responsibilities:**

* Involved in entire **Software Development Life Cycle (SDLC)** of the project like Requirement gathering, Conceptual design, Analysis, Detail design, Development, System Testing, and User Acceptance.
* Developed the front-end interface of the Art and Design application using **JavaScript, AJAX, AngularJS,** and **jQuery**, creating a dynamic and interactive user experience for artists and designers.
* Applied **J2EE** design patterns and the **Model-View-Controller** (Spring MVC) architecture to structure the application, ensuring efficient management of artistic content and user interactions.
* Implemented **Spring MVC flow** for seamless integration between various modules, utilizing Spring AOP and Dependency Injection to enhance modularity and maintainability.
* Configured **AWS IAM** for secure credential management and developed RESTful Web Services using Apache CXF to handle data management within the application.
* Optimized backend processing by implementing asynchronous communication with messaging queues (Kafka, RabbitMQ), improving responsiveness and decoupling components.
* Utilized **Java Servlets** and **JSP** for handling client requests and generating dynamic content, supporting the application’s robust backend services.
* Set up an API Gateway for managing routing, load balancing, and authentication, streamlining interactions with the microservices architecture.
* Enhanced front-end development with AngularJS, leveraging MVC capabilities for efficient code development and testing.
* Developed using NetBeans IDE and Spring Tool Suite, ensuring a productive development environment and efficient application build processes.
* Created and maintained custom reports and data extraction scripts with **SQL** and **PL/SQL**, integrating reporting features for real-time analytics.
* Implemented RESTful Web Services and integrated business modules to manage claim reports and other data interactions.
* Employed Hibernate for ORM including transaction management, batch transactions, and caching to improve data access and performance.
* Implemented Spring Security for authentication and authorization, securing access to various application features.
* Configured and managed project blueprints with GIT and set up server applications with routing algorithms in Node.js.
* Developed microservices using **Spring Boot**, integrating with REST and **Apache Kafka** for scalable, modular functionality.
* Implemented **Micro Web-Services** using REST and **Apache CXF** for communication between application components.
* Developed REST controllers with Spring Data REST to provide JSON data to the UI, including exception handling for robust error management.
* Consumed **SOAP/JAX-WS** web services and used SOAP UI for testing, ensuring comprehensive service integration.
* Tested REST-based services using **REST Client** and **POSTMAN**, and wrote unit and integration tests with JUnit and Mockito to ensure service reliability.
* Configured **Hibernate** mappings and POJO classes for database interactions, and optimized database performance with HQL queries.
* Managed application migration to **AWS Cloud**, utilizing services like **EC2, S3, RDS, CloudWatch, and CloudFront** for enhanced scalability and performance.
* Set up **CI/CD pipelines** using Jenkins for automated builds, tests, and deployments, including microservices and Lambda functions.
* Built and maintained a web-based application with jQuery, Wicket, and iBatis against a MySQL database for complex specification documents.
* Generated Maven project structures and managed dependencies, ensuring a consistent and efficient build process.
* Performed deployments on Tomcat and Glassfish, and implemented caching mechanisms with Spring Cache to improve application performance.
* **Conducted code reviews** to ensure adherence to best practices and high-quality code standards.
* Collaborated with Git for version control, managing code repositories and integrating Spring Boot with databases using ORM frameworks like Hibernate.
* Implemented and managed **PL/SQL** procedures and automated repetitive tasks, ensuring high performance and reliability of database operations.

**Environment:** Java 8, spring, Spring Boot, AngularJS, HTML5, CSS3, Hibernate, AWS,Maven, Jenkins, Git, Log 4j, Jira.

**Client: Langoor, Bangalore, India July 2014 - Jun 2015**

**Role: Software Engineer**

**Project Description:** Contributed to the development of an innovative Food and Beverage application that transforms the culinary experience. This app connects food enthusiasts with a wide variety of recipes, cooking tutorials, and interactive meal planning tools, turning home cooking into an enjoyable adventure. It features integrated grocery lists and personalized dietary preferences, allowing users to easily create and enjoy delicious meals.

**Responsibilities:**

* Developed and Designed web pages with **HTML5** markup, ensuring proper structure, accessibility, and compatibility across different

browsers.

* Styling and formatting web pages using **CSS3,** implementing responsive design, and ensuring consistent visual presentation.
* Developed responsive web designs using the Bootstrap framework to enhance the user experience of the Food and Beverage application.
* Built **single-page applications (SPAs)** with **React and Redux** architecture, enabling seamless user interactions and dynamic content updates.
* Created ReactJS controllers to manage client-triggered events, facilitating smooth communication between the frontend and backend.
* Contributed to **REST API** development using **Node.js** for user, product, and checkout modules, integrating with the application's recipe and meal planning features.
* Utilized React.js for data binding and dynamic content rendering, ensuring a smooth connection between the frontend and backend data.
* Applied expertise in **DOM** manipulation, **React Props, Lifecycle methods**, and **state management** to enhance interactive features and user experience.
* Enhanced backend services with **Node.js** and managed dependencies with NPM, supporting the application's robust functionality.
* Implemented user validation and permission controls using Node.js to ensure secure and personalized user interactions.
* Used AJAX to enable real-time customer registration and information retrieval, improving user engagement with the application.
* Developed and maintained shared components for **React (web) and React Native (mobile)** applications, optimizing code reusability and reducing development time.
* Managed code revisions and updates using SVN, maintaining code integrity and collaboration efficiency.
* Collaborated with business analysts and the backend team to align UI modules with project requirements and ensure a cohesive development approach.
* Executed development and deployment configurations during the migration to AWS Cloud, ensuring smooth transitions and optimized performance.
* Tracked project progress and updates in **JIRA** to ensure timely delivery and alignment with project goals.
* Designed wireframes and prototypes for both web and mobile applications, including Android and iOS platforms, to visualize and refine user interfaces.

**Environment:** JDK 8 (Java 1.8), HTML, JSP, JavaScript, AJAX, jQuery, Angular 2, Spring Boot, Spring Security, AWS Cloud, TypeScript, HTML5, CSS3, Bootstrap, IntelliJ IDE, Web services, Spring, Grunt, Spring Security, AWS, EC2, S3, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, DynamoDB, VPC, Glacier, IAM Roles, CI/CD (Jenkins, Git), Maven, SQL, Oracle, JDBC, Git, Hudson, Karma, Jasmine, TestNG, Selenium, Postman, SOAPUI, JMeter, JIRA, Log4J.