*LOHITH KUMAR SURESHBABU BHAMBORE*

## *Java Backend Developer*

*Phone: (323) 510-5860*

*Email :* [***lohithsw@gmail.com***](mailto:lohithsw@gmail.com)

**PROFESSIONAL SUMMARY:**

* With more than 10+ years of experience as a Java Backend Developer, I specialize in building **modern, scalable applications** using **Java,** Spring Boot, Hibernate , JPA, SQL, DB.
* Expertise in **Kotlin** for backend development, leveraging its concise syntax and interoperability with Java to build high-performance applications.
* Expertise in a comprehensive range of programming languages, including **Java** (7, 8, 11, 17), **C**, **C++,** **JavaScript**, **Python**, **SQL**, and **PL**/**SQL**, showcasing versatility and adaptability in diverse development environments.
* Proficient in designing and implementing **GraphQL APIs** for efficient data fetching and manipulation, enhancing front-end and back-end communication along with leveraging **Java/J2EE** technologies such as **Core Java**, Servlets, Spring, **Springboot**, Hibernate ORM, JPA, and JDBC to deliver robust backend services.
* Skilled in employing advanced frameworks and libraries like **Spring Boot,** **Spring Cloud**, **Spring Security**, Hibernate, Struts, and Thyme leaf to enhance application functionality and user experience.
* Proficient in implementing different types of frameworks like **Spring**, ORM frameworks like Hibernate & Spring JPA and Distributed messaging using **Kafka**.
* Skilled in database design and management with **Oracle, MS SQL, MySQL**, leveraging **NoSQL** databases like **MongoDB, Cassandra, and CouchDB**. Expert in **PL/SQL, PostgreSQL**, and data processing with tools like **BigQuery and Spark**.
* Demonstrated ability in applying design patterns including Singleton, MVC, DAO, and Builder, ensuring software solutions are scalable, maintainable, and efficient.
* Experienced in client-side scripting and JavaScript frameworks, including extensive work with **AngularJS, React.js, Redux, EXT.js, Backbone.js, Require.js**, and server-side JavaScript with **Node.js and Express.js**.
* Adept in modern web technologies and frameworks such as **HTML5**, **CSS3**, **SCSS**, **Bootstrap**, **Angular**, ReactJS, and Vue.js, crafting responsive and dynamic user interfaces.
* Extensive experience with relational, **GraphQL** and **NoSQL** databases including **MySQL**, **PostgreSQL**, **Oracle**, **MongoDB**, and Cassandra, enabling the development of data-driven applications.
* Proficient in UI design, developed the front end using JSP, HTML5, CSS3, JavaScript, RapidQL Ajax, jQuery, ReactJS, Angular, TypeScript, and ECMAScript.
* Proficient in designing and integrating **RESTful** and **SOAP** web services, facilitating seamless communication between client and server-side applications.
* Experienced in message-oriented middleware technologies such as **Apache** **Kafka**, JMS, **RabbitMQ**, and **IBM** **MQ** for building reliable, scalable, and asynchronous communication layers.
* Familiarity with leading web application servers like **Apache** Tomcat, **IBM** **WebSphere**, and Oracle **WebLogic**, ensuring applications are deployed and run smoothly across various environments.
* Utilizes a broad array of testing tools including **Cypress**, **JUnit**, **Mockito**, and Cypress, guaranteeing high-quality code through comprehensive testing strategies.
* Hands-on experience with big data technologies such as **Apache Spark**, skilled in data visualization with **Kibana**, providing actionable insights for strategic decision-making.
* Proficient in version control and team collaboration tools such as **Git**, SVN, and Bitbucket, enhancing team productivity and ensuring efficient code management.
* Deep understanding of cloud technologies and **DevOps** tools including **terraform, AWS**, Azure, **Docker**, and **Kubernetes**, enabling the development and deployment of applications in cloud environments.
* Implements Agile, Scrum, and **TDD** methodologies to drive efficient project management and development processes, adapting swiftly to changing requirements.
* Proficient in crafting applications using React.js and Redux.
* Mastery of build tools like **Maven** and Gradle for automating build processes and dependency management, streamlining the development workflow.
* Comfortable working across various **IDEs** such as Eclipse, **IntelliJ**, and Visual Studio, optimizing development efficiency through sophisticated tooling.
* Experience with CosmosDB (index, Core, Timeline, Lookup) and data migration from DB2 database to CosmosDB.
* Operates effectively across multiple **operating** **systems**, including **Windows**, **Linux**, and **Unix**, ensuring application compatibility and performance.
* Skilled in leveraging project management tools such as **JIRA** and **Trello** for effective team collaboration, task tracking, and agile project execution, ensuring timely delivery of high-quality software solutions.
* Hands-on experience with big data technologies such as **Apache Spark**, skilled in data visualization with **Kibana**, providing actionable insights for strategic decision-making.
* Experience in **CI**/**CD** build tools such as **Jenkins** and quality check using **SonarQube**.
* Emphasizes attention to detail in all aspects of development, from coding standards to user experience, ensuring delivery of high-quality software products.
* Demonstrates a commitment to excellence, driving projects to completion on time and within budget, while meeting or exceeding quality standards.
* Proficient in project management and documentation using **JIRA, Swagger**, and **Grafana**; experienced in data processing and system monitoring with Apache Camel, **Kibana**, Nexus, Hadoop, Jersey, Prometheus, Pig, Hive, MapReduce, and system.
* Experience of application development in different environments like Windows 98/NT/2000/XP, Linux and UNIX.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Languages** | Java 7/8/11/17/21, Kotlin, Python, JavaScript, C, C++, SQL, PL/SQL |
| **Java/J2EE Technologies** | Core Java, Servlets 3.x, Spring 3.x/4.x/5.x, Springboot 2.x, Hibernate ORM, JPA, JTA, JDBC, EJB 2.x/3.x, JSP, JSTL, RMI, Swing, Applets, AWT. |
| **Frameworks** | Springboot, Hibernate, Angular, ReactJS, **GraphQL**, Struts 2.5, Hibernate, Spring batch, Spring Data, Spring Security, Spring Actuators, Spring MVC, Spring Web, Spring IOC, Spring Cloud, Thyme leaf. |
| **Frontend Technologies** | HTML5, CSS3, Bootstrap, JavaScript, TypeScript, Angular, ReactJS. |
| **Design Patterns** | Singleton, Builder, Template, MVC, DAO, Front controller, Session Façade, Business Delegate, Bean Factory, Service Locator. |
| **Web Technologies** | HTML4/5, XHTML, CSS3, SCSS, Bootstrap 4/5, JavaScript, jQuery, XML, XSL, XSLT, JSON, NodeJS, Express JS, AngularJS, Angular 8/9/10/11, ReactJS, TypeScript, Redux, Vue.js |
| **Databases** | MySQL, PostgreSQL, SQL Server 2012/14/16, Oracle 10g/11g/12c, MongoDB, DB2, BigQuery, Cassandra. |
| **Web Services** | RESTful, SOAP, **GraphQL**, Apollo, Spring GraphQL, WSDL, JAX-RS, JAX-WS, XSD |
| **Messaging and Authentication** | JMS, Apache Kafka, RabbitMQ, Apache Active MQ, OAuth2.0 |
| **Web Application Servers** | IBM WebSphere 6.x/8.x, Apache Tomcat 6.x/7.x/8.x, Oracle WebLogic 9.x/10.x, JBoss |
| **Testing Tools** | Cypress, Junit 5, Mockito, Jasmine, Kibana, Karma, Cucumber, Mocha, Chai. |
| **Logging and Monitoring** | Log4J, Slf4J, Cloud watch. |
| **Version Control** | Bit Bucket, Clear Case, SVN, Git, GitHub |
| **Cloud Technologies / DevOps tools** | Terraform, AWS (EC2, S3, DynamoDB, ECS, ECR, RDS, Kubernetes, Far Gate, CloudWatch), GCP( Cloud SQL, Cloud Spanner), Azure (Cosmos DB), Jenkins, Docker, Splunk Azure, IBM Cloud Private, CI/CD pipelines |
| **Methodologies** | Agile, Waterfall, Scrum, TDD (Test Driven Development), BDD |
| **Build Tools** | Maven, Gradle, Ant |
| **IDE** | Eclipse, NetBeans, Spring Tools Suite (STS), IntelliJ IDEA, Sublime text, Microsoft Visual studio |
| **Collaboration Tools** | JIRA, Swagger, Postman, Git |
| **Operating Systems** | Windows 10/11, Linux, Unix, MacOS |
| **Code Quality, Documentation & Project Management Tools** | SonarQube, Sonar Lint, Swagger, Postman, JIRA, Trello |

**EDUCATION:**

* Masters in computer science from University of California, Riverside.
* Bachelors in computer science from Indian Institute of Technology, Guwahati (IIT-Guwahati)

**WORK EXPERIENCE:**

**Client: Jenius Bank, Los Angeles, CA Mar 2023 to Present**

**Role: Sr. Java Backend Developer**

*Project Description***:** *The Jenius Bank Customer Portal is a comprehensive platform aimed at enhancing customer engagement and streamlining banking operations. This project focuses on providing users with a seamless online banking experience, featuring functionalities such as account management, secure fund transfers, personalized financial insights, and integrated customer support. The application leverages modern technologies to ensure high performance, security, and scalability, catering to both personal and business banking needs.*

**Responsibilities:**

* Designed and implemented modern, scalable applications using **Java(11/17)**, **Kotlin** and **Springboot**, leveraging Kotlin’s concise syntax and interoperability with Java.
* Developed **GraphQL** APIs for efficient data fetching and manipulation, enhancing communication between front-end and back-end systems.
* Utilized **Apollo Client** and Spring **GraphQL** to build data-driven applications with real-time data updates and optimized query performance.
* Collaborated with stakeholders to design and build user-friendly interfaces using **Angular, TypeScript, GraphQL, HTML5, CSS3, Bootstrap5, JavaScript** for seamless data integration.
* Implemented **microservices architecture** using **java**, **Spring Cloud and Kotlin**, ensuring scalable & maintainable backend services.
* Leveraged **AWS Lambda and Kotlin** for serverless backend scripts, integrated with API Gateway for scalable RESTful APIs.
* Lead the architecture and **design** of complex system components, ensuring compliance with **SOLID** principles.
* Lead the migration of legacy Java applications to newer versions **(Java 11/17),** leveraging performance improvements and new APIs.
* Optimize multi-threading for **Core Java** applications and minimize memory leaks in Core Java code.
* Design and implement scalable and resilient microservices architectures using **Springboot, Spring Cloud,** and related **Spring technologies**, ensuring services are efficiently decoupled and communicate effectively through well-defined APIs.
* Implement robust security protocols across microservices using **Spring Security** and **OAuth2** for secure API access, ensuring software compliance with data protection regulations.
* Architect and deploy highly available, scalable, and fault-tolerant systems on **AWS**, utilizing services such as **EC2, ECS, S3, and RDS**.
* Utilize **Spark** for large-scale data processing and analytics, employing **Big Query** for efficient handling of extensive datasets.
* Design and implement AWS cloud security strategies, including IAM roles and policies, Security Groups, and VPCs.
* Leverage AWS monitoring and logging services like **CloudWatch** and AWS CloudTrail for proactive issue resolution and system optimization.
* Integrate data between **Big Query** and other sources.
* Design, develop, and maintain both relational and non-relational databases using **SQL, MongoDB, and Hibernate ORM,** optimizing data integrity and query performance.
* Involved in designing the database migration from DB2 to Azure Cosmos DB for transferring data.
* Leverage **JDBC** for efficient database connectivity and data manipulation, ensuring robust data access and interaction within Java applications.
* Skilled in developing isomorphic applications utilizing React.js and Redux, along with server-side GraphQL integration.
* Utilize **AWS Lambda** for serverless backend scripts in **Python** and **Node.js**, integrated with API Gateway for scalable RESTful APIs.
* Conduct system monitoring and performance tuning using **Elasticsearch** and **Kibana**, focusing on high application performance and availability.
* Developed restful Web-services using Django Rest framework in Python.
* Implement **JPA** for database operations, utilizing it to simplify data persistence in Java applications through ORM mapping, enhancing code maintainability and database portability.
* Manage **CI/CD** pipelines using **Jenkins, Maven, and Git,** streamlining deployment processes, and ensuring code quality.
* Monitor application performance with **Actuators, CloudWatch, and Elastic Search**, adjusting resources and configurations for optimal performance.
* Lead code reviews, ensuring adherence to coding standards, and developing automated test suites using **JUnit, Mockito, and Cucumber** to facilitate **BDD**.
* Working on CosmosDB database concepts such as index, core, lookup, timeline collections.
* Design and execute front-end unit and integration tests using **Jasmine, and Karma**, ensuring comprehensive coverage and reliability of Angular applications, while maintaining code quality and facilitating continuous integration practices.
* Facilitate BDD sessions with product owners, developers, and QA teams to create executable specifications using **Cucumber**, enhancing communication, and understanding across teams and ensuring alignment with business goals.
* Created user interfaces utilizing React JS and Flux for Single Page Application (SPA) development, incorporating React forms for data-driven form components and React router for module-level routing.
* Wrote CosmosDB query based on Aggregation Framework.
* Proficient in implementing various authentication methods, including biometrics, OTPs, and mobile app verification, to secure user access.
* Proficient in automating user lifecycle processes with **Okta** and implementing Okta Multi-Factor Authentication for enhanced security.
* Create and maintain comprehensive documentation for system architecture, **API** specifications using **Swagger**, and user guides.
* Pioneered the integration of **Apache Kafka** for building robust event-driven architectures, enhancing system responsiveness and inter-service communication in microservices environments.
* Part of team implementing REST APIs in Python using micro-framework like Flask with SQL Alchemy.
* Implemented reactive programming principles using frameworks like Reactor and Rx Java for asynchronous and event-driven development.
* Enhanced containerization strategies using **Docker**, optimizing local development, and simplifying deployment processes, coupled with **Kubernetes** for orchestration, achieving high availability and seamless scalability.
* Advanced the use of **Elastic Load Balancers** within **AWS** to ensure even distribution of incoming application traffic across multiple instances, improving application availability and fault tolerance.
* Leveraged **Angular** Material and advanced **CSS** techniques to create consistent and compelling user interfaces, enhancing user engagement and satisfaction.
* Directed the adoption of serverless architectures with **AWS Lambda** for certain microservices, reducing operational costs and scaling automatically in response to incoming requests.
* Master **Git** version control practices, implementing branching strategies, and ensuring efficient team collaboration and code management across distributed environments.

**Environment: Java 11/17, J2EE, Spring 5, Spring MVC, Microservices, Springboot 2.5.x/2.6.x, Spring AOP, Spring Security, Spring Web, Actuators, Spring JPA, Design Patterns, Angular 13/15, HTML5, CSS3, Bootstrap5, JavaScript, TypeScript, AJAX, jQuery, RESTful API, Hibernate ORM, Apache Tomcat Server 9.x, SQL, Core Java, MongoDB 5.x, Mongoose Connector, OAuth 2.0, Jenkins, Docker, Big Query Kubernetes, AWS, S3,** **Kibana EC2, ECS, RDS,** **Azure Cosmos DB, Elastic Load Balancer, Python, Apache Kafka, CI/CD, BDD, JSON, API Life Cycle, Junit 5, Mockito, Jasmine, Karma, Cucumber, Slf4J, Cloud Watch, Okta, SAML, MFA, Git, JIRA, Swagger 3.x, Elastic Search, Maven 3.0, Git, GitHub, IntelliJ, Design Documents, Linux, Slack.**

**Client: State of Utah, Salt Lake City, UT Feb 2021 to Feb 2023**

**Role: Java Backend Developer**

*Project Description***:** *The State of Utah Financial Management System is a robust web application designed to enhance the state's financial operations and improve transparency for citizens. This platform enables residents to access real-time financial data, manage tax payments, and track state expenditures. By integrating budgeting tools and financial reporting features, the system aims to provide a comprehensive view of the state's fiscal health, ensuring accountability and facilitating informed decision-making for both government officials and the public.*

**Responsibilities:**

* Architected and developed enterprise-level applications using **Java, Kotlin, Springboot, and Hibernate ORM**, focusing on scalability and performance.
* Designed and implemented **GraphQL APIs** using **Spring GraphQL**, enabling efficient data fetching and manipulation for front-end applications.
* Built data-driven applications using **Kotlin** and **GraphQL**, integrating data from various sources into GCP for real-time analytics.
* Utilized **GCP’s Cloud SQL** and **Cloud Spanner** for database services, optimizing data storage and retrieval for high-performance applications.
* Develop enterprise-level applications with **Core** **Java** and **J2EE**, ensuring robust backend functionality and system efficiency**.**
* Design and develop RESTful APIs using **Spring MVC** for data exchange and integration with frontend technologies, implementing security with JWT and OAuth 2.0.
* Utilize **JPA** (with Hibernate) for ORM and manage high-volume databases using **Apache Cassandra**, including schema design and query optimization.
* Integrate Angular-based applications using **RESTful** services, ensuring responsive and cross-browser compatible user interfaces with **HTML5, CSS3, and Bootstrap4**.
* Implement security protocols using **Spring Security, JWT**, and **OAuth 2.0** to safeguard applications against vulnerabilities.
* Implement caching strategies and optimize server-side performance with **NodeJS** for efficient data operations.
* Develop and maintain automated tests using **JUnit, Mockito, Jasmine, Karma, and Selenium** to ensure code quality and application stability.
* Utilize Jenkins for **CI/CD** pipelines to ensure efficient code testing and deployment, integrating SonarQube for continuous code quality checks.
* Containerize applications using Docker and manage deployments on **Google Kubernetes Engine (GKE)** for scalable application distribution.
* Utilize GCP's Cloud Functions for **serverless** execution of code in response to events, reducing operational costs and simplifying deployment workflows.
* Implement **GCP's Cloud Armor** to secure **microservices** from **DDoS** attacks and other web-based threats, ensuring robust security at the network edge.
* Leverage **Google Cloud Platform** services including Google Cloud SQL and **Cloud Spanner** for database services and computer services for application hosting.
* Implement logging using **Log4j** and **Google Cloud Logging**, setting up monitoring and alerting for **microservices** using **GCP’s** monitoring tools.
* Create comprehensive design documents and API documentation using **Swagger** and **Postman** for effective team communication and future reference.

**Environment**: **Java 8/11, J2EE, Spring 5.2.x/5.3.x, Springboot 2.2.x/2.5.x, Spring MVC, Spring Security, Spring Cloud GCP 1.2.x/2.0.x, Spring JPA, Hibernate ORM 5.4.x, JTA, JWT, Spring Microservices, Design Patterns, RESTful API, JSTL, XML, XSD, EJB, JDBC, HTML5, CSS3, Bootstrap4, JavaScript, TypeScript, Angular10/12, jQuery, DOM, JAX-B, Apache Cassandra, Scala, Apache Tomcat Server, OAuth 2.0, Junit 5, Mockito, Jasmine, Karma, Selenium, GCP, Google Cloud SQL, Cloud Spanner, Apache Kafka, Elastic search 7.x, Google Cloud Logging,** **NodeJS, Core Java, GKE, Log4j, Microsoft Visual Studio, Spring Tools Suite (STS), Maven 3.6.x, Docker, Jenkins, CI/CD, SonarQube 8.x, Postman, Swagger, Agile, Design Documents, Windows.**

**Client: CVS, Woonsocket, RI Jun 2019 to Jan 2021**

**Role: Java Backend Developer**

*Project Description***:** *The CVS Health Management Application is a dynamic web platform designed to optimize the management of healthcare expenditures and enhance financial transparency for both the organization and its customers. This application allows users to track prescription costs, manage health spending accounts, and access personalized insights related to their healthcare services. By integrating advanced analytics and reporting tools, the system aims to empower users with the information they need to make informed decisions regarding their health and wellness.*

**Responsibilities:**

* Developed modern, scalable applications using **java 8/11**, **Kotlin, Springboot, and ReactJS, integrating GraphQL APIs** for seamless data exchange.
* Designed and implemented data pipelines using **Apache Kafka and Elasticsearch**, ensuring efficient data processing and analysis.
* Built operational dashboards using **Kibana** for real-time data visualization, enabling stakeholders to make informed decisions.
* Stay updated with advancements in the Java ecosystem, including **Java 8/11**, to incorporate best practices and optimize application performance and compatibility with evolving industry standards.
* Architect and develop microservices using **Springboot, Spring Cloud, and Kubernetes**, focusing on creating loosely coupled, independently scalable services.
* Implemented centralized configuration management with Spring Cloud Config, streamlining processes and reducing deployment timelines.
* Utilize **Kibana** for log analysis, real-time monitoring, and data visualization.
* Develop and secure RESTful services with **Spring MVC, JAX-RS,** employing OAuth 2.0 for API security and managing API contracts using Swagger.
* Expertise in database management and connectivity with proficiency in JDBC for robust SQL interaction, Hibernate ORM for performance-enhanced object-relational mapping, and Spring Data JPA for simplified data access.
* Advanced skills in designing and optimizing both SQL and NoSQL databases, with a particular focus on DynamoDB, ensuring high performance and scalability.
* Proficient in full-stack log management using the **ELK stack (Elasticsearch, Logstash, Kibana**) for comprehensive log analysis and insights.
* Used React.JS for creating views to hook up models to the DOM and synchronize data with the server as a SPA.
* Comprehensive testing strategy development, including unit **(JUnit5),** integration, and end-to-end testing (Mockito, **Cypress**), coupled with **Test-Driven Development (TDD)** practices for enhanced software quality and reliability.
* Extensive experience in AWS cloud infrastructure management and architecture, utilizing EC2, S3, Lambda, and IAM Security Groups for secure, scalable solutions.
* Demonstrated ability to implement scalable, cost-effective AWS solutions leveraging **Lambda, DynamoDB, S3, and CloudFront** for efficient processing and content delivery.
* Strong version control skills using **Git**, with experience in branching strategies, pull requests, and code reviews to foster collaboration and maintain high code quality.
* Proficient in creating detailed technical documentation and API testing with **Postman**, ensuring clear communication and thorough understanding of functionalities.

**Environment: Java 8/11, J2EE, Springboot 2.0.x/2.1.x, Spring Microservices, Spring Data JPA, Spring MVC, Actuators, Security, AOP, Security, Hibernate 5.3.x, Java Mail, Socket Programming, Design Patterns, Single Sign On (SSO), Single Page Applications (SPA), JDBC, Scala, RESTful API, JAX-RS, ReactJS, Redux, HTML5, CSS3, JavaScript, AJAX, XML, Design Patterns, SQL, DynamoDB, Jenkins, Junit5, Mockito, Cypress, AWS Cloud, React, Lambdas, S3, IAM Security Groups, Kubernetes, OAuth 2.0, Apache Kafka,** **Kibana, TDD, Log4J, CloudWatch, CI/CD, Agile, Git, Linux, Maven 3.8.x, IntelliJ, Postman, Swagger, React Native, SonarQube, Design Documents, GitHub, JIRA**

**Client: John Deere, Moline, IL Oct 2017 to May 2019**

**Role: Java Backend Developer**

*Project Description***:** *The John Deere Services Portal is an advanced web application designed to streamline the process for agricultural and construction equipment. This platform enables customers to apply for loans, manage their accounts, and access tailored solutions that meet their specific needs. By integrating real-time data analytics and user-friendly interfaces, the application enhances the customer experience, providing insights into payment options and financing terms, ultimately supporting John Deere's commitment to empowering farmers and contractors with the resources they need to succeed.*

**Responsibilities:**

* Designed and developed scalable web applications using Java 8/11, integrating MVC architecture with Apache Struts 2 for robust backend solutions.
* Leveraged **Hibernate ORM** and **JDBC** for efficient database management and communication, significantly improving data access and manipulation with **PostgreSQL**.
* Developed secure SOAP and RESTful web services using **JAX-WS** and Apache Axis, enhancing application interoperability and API integration.
* Implemented JWT for secure user authentication and authorization, ensuring data protection and privacy compliance.
* Created dynamic and responsive user interfaces employing **HTML, CSS, JavaScript**, and **AngularJS**, leading to improved user engagement and satisfaction.
* Utilized **RabbitMQ** for implementing asynchronous messaging, facilitating reliable communication between different application components.
* My role for this job assignment requires the use of C/C++, Oracle, UNIX Shell Scripting, Perl Scripting, ETL, Various File Transfer procedures & protocols, Automated Test Case Tools, CVS / RCS Source Code Control Systems and Conducting the End User Technical Training Sessions.
* Skilled in leveraging new SQL Server 2017 features like Linux support and enhanced graph database capabilities for advanced data analytics.
* Adopted Test-Driven Development (TDD) with **JUnit4** and **Power Mockito**, ensuring high-quality code and reducing bug rates in production.
* Extensively used ETL to transfer and extract data from source files (Flat files and DB2) and load the data into the target database.
* Enhanced application performance and identified bottlenecks using **JMeter**, leading to optimized response times and throughput.
* Containerized applications using Docker, achieving consistent deployments across different environments, and simplifying the CI/CD pipeline.
* Managed source code and facilitated team collaboration using **Git and Bitbucket**, streamlining version control and code reviews.
* Proficient in using Eclipse IDE and Visual Studio Code, optimizing development efficiency and project management.

**Environment: Java 8/11, JSP, Servlets, Apache Struts 2, Multithreading, Hibernate ORM, JDBC, DAO, WSDL, JAX-WS, Apache Axis, XML, XSD, JWT, JTA, Oracle WebLogic, HTML, CSS, JavaScript, Angular JS, RabbitMQ, TDD, My SQL Server 2017, JMeter, Docker, Visual Studio Code, Eclipse IDE, Junit4, Power Mockito, Log4J, Agile, Gradle, Postman, Unix, Git, Bitbucket**

**Client : T-Mobile, Frisco, TX. Oct 2014 to Sep 2017**

**Role: Java Developer**

*Project Description***:** *The T-Mobile Customer Management System is an innovative web application designed to enhance the experience for customers managing their mobile plans. This platform allows users to view and manage their billing statements, track usage, and explore flexible payment options tailored to their needs. By integrating advanced analytics and personalized insights, the application aims to empower customers with the tools they need to make informed decisions about their mobile services, ensuring a seamless and transparent experience with T-Mobile.*

**Responsibilities:**

* Expertise in designing, developing, and maintaining scalable, high-availability applications using **Java 8**, leveraging advanced features for functional programming, improved performance, and security.
* Proficient in architecting and implementing microservices with **Springboot**, **Spring Cloud, and Spring Security**, ensuring scalable, resilient, and modular applications.
* Advanced knowledge in securing applications and microservices with OAuth2 and JWT for authentication and authorization, enhancing data protection and secure communication.
* Skilled in ORM and database operations using **Hibernate (5.3.x)**, optimizing application performance and data management.
* Demonstrated ability in building responsive, user-friendly web frontends using **Angular** **2/4**, **TypeScript**, and **Bootstrap 3**.
* Proficiency in containerization with Docker and orchestration with **Kubernetes** **(1.4.x/1.5.x)**, automating deployment, scaling, and management.
* Deep expertise in AWS cloud services, including **S3, EC2, and ECS**, for developing scalable, reliable, and secure cloud-native applications.
* Implemented **CI/CD** pipelines with Jenkins, integrating automated testing and deployment for rapid and reliable application delivery.
* Comprehensive testing experience using **JUnit 4, Mockito** for Java backend, and **Mocha + Chai** for JavaScript frontend, ensuring high application quality and **cypress** for end-to-end testing.
* Knowledge in microservices design patterns, including API gateway integration and distributed logging with **CloudWatch**, to build resilient systems.
* Proficient in managing MongoDB (3.0.x/3.2.x) with Mongoose for optimal data storage and high-performance applications.
* Leveraged **AWS** for advanced cloud architecture patterns, focusing on high availability, disaster recovery, and auto-scaling, with an emphasis on security and compliance.
* Utilized **Git/GitHub** for effective version control and collaboration, adhering to best coding practices.
* Designed and documented **APIs** using **Swagger**, promoting clear communication among development teams and external partners.
* Continuously updated Java skills, incorporating the latest trends and practices like Streams API and the new Date/Time **API** in **Java** **8**.
* Efficiently used development tools including **Eclipse** **IDE**, **Visual** **Studio** **Code**, Maven (3.3.x) for dependency management, and Insomnia for **API** **testing**.

**Environment**: **Java 8, Springboot, Microservices, Spring Cloud, Spring data JPA, Spring Security, Spring Web Flux, Spring MVC, Spring Actuators, OAuth, JWT, Hibernate 5.3.x, Angular 2/4, TypeScript, JSON, Handlebars.js, HTML5, CSS3, Bootstrap 3, JavaScript, NPM, MongoDB 3.0.x/3.2.x, Mongoose Connector, Active MQ, Node.js 5.x, AWS, S3, EC2, ECS, Kubernetes 1.4.x/1.5.x, Dockers, Jenkins, Junit 4, Mockito, Mocha + Chai, Log4J, CloudWatch, Sonar Lint, Swagger, CI/CD, Agile, Maven 3.3.x, Insomnia, Eclipse IDE, Visual Studio Code, Windows, Git, GitHub.**