**Manideep Reddy**   **Contact#- 512-877-0126**

manideep2701@gmail.com **Full Stack Java Developer**

# Professional Summary:

* Accomplished Full Stack Developer with a solid track record spanning over **8+** years, specializing in crafting highly efficient and scalable software applications. Proficient in Java, J2EE, and various open-source frameworks.
* Extensive experience encompassing the entire Software Development Life Cycle (SDLC), including meticulous analysis, efficient design, thorough implementation, comprehensive testing, and ongoing software system maintenance. Committed to adhering to industry best practices and established coding standards throughout all phases of development.
* Demonstrated prowess in crafting high-performing microservices architecture using Java and JavaScript, ensuring the creation of efficient and scalable solutions for complex business demands.
* Proficiency in core Java, inclusive of Java EE, with a keen ability to harness Java 8 features such as lambda expressions and functional interfaces to foster the development of robust applications characterized by enhanced efficiency and maintainability.
* Proficient in designing and implementing RESTful web services, with a focus on leveraging messaging systems like Apache Kafka to facilitate asynchronous communication and support event-driven architectures.
* Demonstrated proficiency in building modular and maintainable applications following Angular's component-based architecture. Effectively utilized components, services, and directives to encapsulate functionality and promote code reusability.
* Crafted diverse front-end screens using ReactJS, making efficient use of various predefined components from NPM and the Redux library.
* Skilled in the creation of comprehensive unit and integration tests using industry-standard frameworks, ensuring the delivery of code characterized by quality and reliability.
* Demonstrated expertise in implementing robust security protocols, including authentication and authorization, to safeguard APIs and protect sensitive data.
* Proficiency in working with databases, encompassing SQL and NoSQL variants, to design and optimize data models, thereby ensuring efficient and dependable data storage and retrieval.
* Established a strong track record of project ownership, from development to production, including providing production support to maintain application stability and address issues proactively.
* Adept in containerization with Docker, facilitating the seamless deployment and scalability of applications across diverse environments.
* Proficient in TDD and BDD practices, employing tools like JUnit, Selenium, Cucumber, Mocha, Jest, Karma, and Jasmine to ensure robust testing both on the server and client sides.
* Hands-on experience with CI/CD pipelines, leveraging tools like Jenkins to automate build, testing, and deployment processes, thereby ensuring the streamlined delivery of software.
* Exemplified leadership qualities as a senior team member, offering technical guidance, mentoring junior developers, and driving project success through collaborative efforts with designers, backend developers, and product managers.
* Proficiently managed source code repositories on Azure DevOps, overseeing version control, branch creation, and code merging. Implemented and maintained effective branching strategies tailored to project needs, ensuring seamless collaboration among development teams.
* Deep understanding of AWS services, including EC2, S3, Lambda, API Gateway, and RDS, effectively harnessing them to design and deploy cloud-based solutions.
* Proficient in monitoring and logging systems, utilizing tools such as AWS CloudWatch and ELK (Elasticsearch, Logstash, Kibana), to glean insights into application performance and effectively troubleshoot problems.
* Well-versed in Agile methodologies, actively participating in Scrum ceremonies and fostering cross-functional collaboration within teams to deliver high-quality software solutions.

**Technical Skills:**

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| --- | --- |
| Languages | Java, TypeScript, JavaScript, Shell Script, |
| Web Development | Angular, React |
| Frameworks | Spring Core, Spring Boot, Spring Data JPA, Spring Cloud, Spring WebFlux and Spring Security, Spring Kafka |
| Testing Frameworks | JUNIT, Mockito, Jest, Jasmine |
| Databases | Oracle, MongoDB, PostgreSQL |
| Cloud Technologies | Microsoft Azure, Amazon Web Services (AWS) |

# Professional Experience:

# Client: Comcast Jan 23 – till date

# Full Stack Java Developer   Austin, TX.

# Responsibilities:

* Crafted and developed REST APIs with Spring Boot, adhering to industry best practices for impeccable API design while ensuring seamless integration with both internal and external systems.
* Leveraged the Oracle database to enable efficient data storage and retrieval, implementing optimized database queries meticulously tailored for microservices.
* Strategically employed a variety of design patterns within the microservices architecture to foster code reusability, modularity, and adaptability.
* Harnessed the advanced features of Java 8, including streams and optionals, to fine-tune data processing and error handling within the microservices.
* Devised and executed data models and database schemas, harnessing JPA annotations to meticulously define entity relationships, constraints, and database table mappings.
* Expertly implemented CRUD operations within Spring Boot applications, making judicious use of JPA repositories and Hibernate's adept session management.
* Devised comprehensive unit tests employing JUnit and Mockito, ensuring the resilience and precision of microservices functionalities.
* Demonstrated proficiency in building modular and maintainable applications following Angular's component-based architecture. Effectively utilized components, services, and directives to encapsulate functionality and promote code reusability.
* Successfully integrated Angular applications with RESTful APIs, facilitating seamless data retrieval and updates. Implemented HTTP services and observables to handle asynchronous operations and ensure data consistency.
* Implemented state management solutions in Angular applications using tools like NgRx for efficient data flow and centralized state management. This approach enhanced application performance and maintainability.
* Experience in using Postman for end-to-end testing and API validation, guaranteeing the seamless interaction between microservices and the precise flow of data.
* Applied strong knowledge of data modeling and SQL development to ensure efficient data handling, retrieval, and manipulation within complex systems.
* Provided vital support and reengineered existing ETL processes, enhancing data integration and transformation efficiency for improved system performance.
* Implemented Swagger documentation to maintain clear and up-to-date API specifications, facilitating seamless collaboration with cross-functional teams and stakeholders.
* Leveraged SonarQube for continuous code quality examination, swiftly identifying and addressing code odors and potential vulnerabilities.
* Proficiently managed version control through Git, ensuring fluid collaboration and meticulous tracking of changes within the microservices codebase.
* Implemented a robust logging system using Logback and Splunk, enabling efficient tracking and analysis of application logs for debugging and monitoring purposes.
* Harnessing AppDynamics, skillfully monitored performance and obtained real-time insights into the behavior of microservices, guaranteeing optimal system performance.
* Employed the Oracle database for the efficient storage and retrieval of data, adeptly implementing query optimizations tailored specifically for microservices.
* Proactively managed project tasks and work items utilizing Azure DevOps Boards. This encompassed the meticulous tracking of user stories, bug reports, and various work items to ensure comprehensive project management. Collaborated closely with cross-functional teams to prioritize tasks, allocate resources effectively, and maintain a well-structured project backlog.
* Leveraged Azure DevOps dashboards and monitoring tools to meticulously observe the performance of CI/CD pipelines. Continuously monitored pipeline efficiency and identified potential bottlenecks within the development process. These insights led to data-driven improvements that enhanced project management and delivery, enabling more efficient development cycles.
* Orchestrated microservices within Docker containers and managed them using Kubernetes, simplifying deployment and facilitating scalability within a containerized environment.
* Pioneered release lifecycle management via Jenkins, automating deployment and fostering continuous integration of microservices.
* Leveraged Spring Boot Actuator for monitoring and managing microservices, including health checks and metric endpoints, to ensure optimal operational health.
* Committed to Agile methodologies, actively participating in sprint-based workflows, while also holding a senior role with responsibilities encompassing architectural decisions and the assurance of code quality.

**Environment**: Springboot,Java, Angular14/16, Design Patterns, Junit, Mockito, Postman, Swagger, Sonarcube, Git, Splunk, AppDynamics, Azure, Rest API, Oracle, API Gateway, Jenkins, Actuator, Agile.

# Client: RBFCU Feb 22 – Dec 22

# Full Stack Java Developer Austin, TX

**Responsibilities:**

* Demonstrated ability to build complex, interactive, and reusable React components using JSX and React's component lifecycle.
* Familiarity with testing frameworks like Jest for writing unit tests and implementing test-driven development (TDD) practices in React applications.
* Integrated React with backend APIs, enabling efficient data retrieval and seamless user interactions.
* Developed components using Spring Framework (Spring MVC, Core, dependency injection, Bean, Spring Security and Spring AOP, Spring Boot, Aspects.
* Used features of spring framework like IOC, AOP and Spring Hibernate integration on the server side.
* Created architecture towards a Microservices approach using RESTful Web-Services by using Spring Boot.
* Integrated Spring Boot Microservices with Apache Kafka for Asynchronous messaging.
* Utilized DBeaver and PostgreSQL for efficient database management and development tasks.
* Conducted testing and debugging of Microservices, utilizing tools like Postman, and JUnit to perform unit tests, integration tests, and end-to-end tests, ensuring the functionality and reliability of individual services and their interactions.
* Leveraged Sumo Logic for log management and real-time monitoring, enabling proactive issue detection and resolution.
* Utilized Git workflows such as GitFlow to establish standardized processes for feature development, bug fixing, and release management.
* Proficiently managed source code repositories on Azure DevOps, ensuring a well-organized and version-controlled codebase. This involved creating, configuring, and maintaining repositories to facilitate collaborative development efforts.
* Conducted performance optimization and caching strategies for GraphQL APIs, leveraging techniques like batched resolvers, data loaders, and response caching to enhance query performance and reduce data retrieval overhead.
* Demonstrated expertise in building and deploying RESTful APIs and microservices, utilizing Docker for containerization.
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.
* Developed microservice on boarding tools and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Conducted performance optimization and load testing to ensure application scalability and responsiveness.
* Experience in Agile development process to organize into short iterations or sprints, typically lasting one to four weeks.
* Each iteration involves all the necessary development steps, including planning, analysis, design, coding, testing, and documentation.

**Environment**: React, typescript, Jest, TDD, Spring Boot, Spring Cloud, Microservices, Azure, RDS, EC2, S3, Kafka, Spring MVC, SDLC, Java 8, , SQL, Jenkins, Kubernetes, Docker, Git, Agile.

**NITCO Outsourcing Pvt. Ltd (NITCO INC.) Oct 17 – Dec 21**

**Java Developer Hyderabad, India**

**Responsibilities:**

* Architected and crafted a high-performance microservices ecosystem employing Spring Boot and Java, harnessing the latest Java 8 advancements to augment application efficiency and maintainability.
* Engineered RESTful APIs to foster seamless communication among microservices, executing API calls to internal and external systems. Included integration with third-party platforms such as Precisely, Avalara, and Vertex for precise tax calculations and compliance.
* Demonstrated proficiency in front-end testing frameworks like Jest and Jasmine, proficiently conducting unit and integration testing.
* Leveraged Java 8's new features, including streams and optional, to optimize data processing and error handling in the microservices.
* Designed and implemented data models and database schemas, using JPA annotations to define entity relationships, constraints, and database table mappings.
* Implemented CRUD (Create, Read, Update, Delete) operations in Spring Boot applications, leveraging JPA repositories and Hibernate's session management.
* Employed Hibernate validators and Spring's validation framework to enforce data integrity and perform input validation in the application layer.
* Mastery of JPA, facilitating seamless object-relational mapping (ORM) for smooth integration between Java applications and databases.
* Introduced an event-driven architecture using Kafka, enabling asynchronous communication and decoupling between microservices, ultimately ensuring scalability and resilience.
* Made effective use of AWS cloud services like EC2, Lambda, S3, and DynamoDB for scalable and cost-efficient deployment and data management.
* Implemented robust CI/CD pipelines with Jenkins to automate build, testing, and deployment processes, enabling swift and dependable software delivery.
* Collaborated with various third-party APIs and web services to integrate external functionalities into the application seamlessly.
* Integrated Prometheus and Grafana for real-time monitoring and visualization of microservices' performance, facilitating timely issue detection and resolution.
* Employed Kibana for centralized log analysis and debugging, offering insights into microservices' behavior and aiding in troubleshooting.
* Employed Swagger for comprehensive API documentation, ensuring precise and up-to-date specifications for effective collaboration with internal teams and external stakeholders.
* Utilized Reactive Programming to elevate responsiveness and concurrency in microservices' interactions.
* Executed performance testing using JMeter to pinpoint bottlenecks and optimize microservices' performance across a spectrum of scenarios.
* Exemplified agile development practices, diligently working within sprint cycles and forging close collaboration with cross-functional teams to ensure project success.
* Undertook a senior role, bearing responsibility for system architecture, design decisions, and the overall triumph of the microservices project.

**Environment**: Spring Boot, Java, Oracle, PostgreSQL, MongoDB, REST API, Kafka, Mockito, Junit, AWS, Actuator, Prometheus, Kibana, Grafana, Docker, Swagger, Linux, Insomnia, Redis, JMeter, Git, JIRA, Agile.

# STUMAGZ Sept 2015 – July 2017

# Software Developer Hyderabad, India

# Responsibilities:

* Engaged in discussions with business experts to gain a comprehensive understanding of business requirements and subsequently translated them into technical specifications for development.
* Managed CSS, HTML, JavaScript, JSON, JSF, and Bootstrap to craft visually appealing web pages.
* Designed user interfaces utilizing Bootstrap UI for enhanced user experiences.
* Employed Ajax to enable dynamic search capabilities, enhancing user interaction.
* Created usability prototypes for UI screens using JavaScript to refine design concepts.
* Leveraged JavaScript frameworks to seamlessly bind data to HTML elements through expressions.
* Implemented a robust business framework using Spring, embracing the classical Model-View-Controller (MVC) architecture.
* Produced UML diagrams, including Class and Use Case diagrams, to illustrate different module tiers.
* Utilized RESTful web services and implemented connection pooling to optimize database interactions.
* Improved web applications using the Spring Framework and Spring JDBC Template, enhancing performance and maintainability.
* Incorporated Spring JDBC Template in the application's persistence layer for efficient database operations.
* Addressed cross-cutting concerns such as business transactions, security, logging, and monitoring by leveraging Spring AOP.
* Capitalized on the Dependency Injection feature of the Spring MVC framework and employed Hibernate 4.0, an object-relational mapping tool, for rapid development and simplified maintenance.
* Utilized the Hibernate framework for seamless data persistence and retrieval from databases.
* Collaborated with Oracle 11g and MySQL databases for data querying and retrieval.
* Designed a single-page, mobile-first web application with cross-device and cross-browser compatibility for real-time location sharing, harnessing ReactJS and JavaScript API.
* Incorporated NoSQL, specifically MongoDB, and implemented stored procedures as part of database interactions.
* Modified complex PL/SQL packages, stored procedures, and functions to align with new requirements.
* Hands-on experience with Azure DevOps for continuous integration and continuous deployment (CI/CD) pipelines. Set up and configured CI/CD pipelines to automate code deployment, testing, and monitoring.
* Executed application deployments on Tomcat Server and Glassfish environments.
* Ensured code quality by utilizing the JUnit framework for unit testing and implemented Log4j to capture runtime exceptions in logs.
* Used GitHub as a repository to control versioning of projects.

**Environment:** JSP, Servlets, Azure, Tomcat, XML, Eclipse 3.6, Spring, Hibernate, SOAP/REST, JavaScript, CSS, Bootstrap, ReactJS, Log4j, Oracle 11g, SQL Developer, MongoDB, Junit, GitHub.