**SR. FULL STACK JAVA DEVELOPER**

**NARAPOGU SREE CHAITANYA**

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**Career Objective:**

Experienced Java Full Stack Developer with 10+ years of expertise in building scalable enterprise applications using Java, Spring Boot, and modern front-end frameworks. Focused on delivering clean, maintainable code and high- performing services through Agile practices and DevOps integration. Strong in designing RESTful APIs, microservices, and full-cycle development for cross-functional business solutions. Looking to contribute technical depth and problem-solving skills to innovative projects in a fast-paced environment.

**Professional Summary:**

* Proven expertise in Java/J2EE technologies, including Spring Boot, Spring MVC, and Hibernate, coupled with strong front-end proficiency in Angular and React.js.
* Adept at building scalable microservices architectures and secure RESTful APIs, with extensive experience in cloud platforms such as AWS and Azure.
* Skilled in optimizing database interactions with Oracle, PostgreSQL, and MongoDB, and leveraging DevOps practices for automated CI/CD pipelines using Jenkins and Docker.
* Excellent problem-solving abilities and a strong analytical mindset, adept at translating complex business requirements into effective technical solutions.
* Dedicated to delivering high-quality, user-centric applications that consistently drive significant business value and enhance user experience.
* Expert in designing and implementing scalable, high-performance web applications, focusing on robust architecture and seamless user experiences.
* Adept at navigating the complexities of enterprise-level systems, delivering solutions that align with critical business objectives and regulatory standards.
* Proficient in leveraging cloud-native services for optimized resource utilization and enhanced application resilience across various platforms.
* Demonstrated ability to troubleshoot and resolve complex technical challenges across the full stack, ensuring minimal downtime and continuous system availability.
* Strong advocate for clean code principles, test-driven development (TDD), and continuous integration/continuous delivery (CI/CD) pipelines.
* Proficient in utilizing message brokers like Kafka and RabbitMQ for building asynchronous and highly decoupled systems.
* Experienced with containerization technologies such as Docker and orchestration platforms like Kubernetes for efficient deployment and scaling.
* Strong understanding of software design patterns and architectural principles, ensuring robust and extensible application development.
* Skilled in performance tuning and optimization of Java applications, identifying and resolving bottlenecks to maximize efficiency.
* Adept at implementing security best practices in web application development, including secure coding and vulnerability remediation.
* Experienced in version control systems, primarily Git, for collaborative development and code management.
* Hands-on experience with Maven/Gradle for dependency management and multi-module build strategies in large-scale applications.

**Technical Skills:**

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| **Category** | **Tools** |
| Programming Languages | Java (8/11/17), JavaScript, TypeScript, Python (basic) |
| Frameworks/Libraries (Backend) | Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, RESTful Web  Services, Microservices |
| Frameworks/Libraries (Frontend) | Angular (8+), React.js, HTML5, CSS3, JavaScript, jQuery, Bootstrap,  Material UI |
| Databases | Oracle, MySQL, PostgreSQL, SQL Server, MongoDB, Cassandra, Redis |
| Cloud Platforms | AWS (EC2, S3, Lambda, RDS, SQS, SNS, DynamoDB), Azure, Google  Cloud Platform (Exposure) |
| DevOps & Tools | Git, Jenkins, GitLab CI, Docker, Kubernetes, Maven, Gradle, JIRA,  Confluence, SonarQube, Splunk, Grafana |
| Web Servers | Apache Tomcat, JBoss/WildFly, WebLogic |
| Message Brokers | Apache Kafka, RabbitMQ |
| Testing | JUnit, Mockito, Selenium, Postman, SoapUI |
| Methodologies | Methodologies: Agile (Scrum, Kanban), Waterfall |
| Operating Systems | Operating Systems |
| Other | Microservices Architecture, API Gateway, Circuit Breaker, Service  Discovery, OAuth2, JWT, Swagger/OpenAPI |

**Professional Experience:**

**Sr. Full Stack Java Developer | BMO | Remote May 2023 – Till Date Responsibilities:**

* Led the design and development of critical microservices for real-time transaction processing, ensuring high throughput and low latency within the core banking system.
* Implemented robust security measures, including OAuth2 and JWT, within RESTful APIs to protect sensitive customer financial data in accordance with banking regulations.
* Developed and optimized complex Spring Boot applications leveraging Spring Data JPA with Oracle for efficient data persistence and retrieval of customer accounts.
* Utilized Apache Kafka for asynchronous communication between microservices, ensuring reliable message delivery for transaction updates and system notifications.
* Designed and built responsive user interfaces using Angular 15+ and TypeScript, enhancing the front-end experience for internal banking operations and customer service.
* Orchestrated the deployment of microservices using Docker containers and managed them with Kubernetes on AWS EKS, ensuring high availability and fault tolerance.
* Established and maintained CI/CD pipelines using Jenkins and GitLab CI for automated builds, testing, and deployments, streamlining the development lifecycle.
* Conducted rigorous unit and integration testing using JUnit and Mockito, achieving high code coverage and ensuring the stability of financial transactions.
* Performed performance tuning and optimization on Java applications and database queries, significantly improving system response times for peak transaction loads.
* Implemented comprehensive logging and monitoring solutions using Splunk and Grafana, providing real- time visibility into system health and transaction flows.
* Led technical discussions and provided architectural guidance for new feature development, ensuring alignment with the overall enterprise architecture strategy.
* Managed code repositories using Git and performed regular code reviews to maintain code quality, consistency, and adherence to best practices.
* Developed detailed technical design documents and API specifications using Swagger/OpenAPI, facilitating seamless integration with other banking systems.
* Troubleshot and resolved complex production issues swiftly, minimizing impact on real-time banking operations and ensuring continuous service availability.
* Integrated with internal enterprise service bus (ESB) solutions to facilitate data exchange with legacy banking systems, ensuring data consistency.
* Implemented circuit breaker patterns and retry mechanisms for microservices communication, enhancing system resilience against external service failures.
* Evaluated and recommended new technologies and tools to enhance the core banking platform's capabilities and address evolving business needs.
* Actively contributed to internal API gateway governance, version lifecycle policies, and developer portal improvements.

**Environment:** Java 11/17, Spring Boot, Spring Cloud, Angular 15+, TypeScript, Oracle 19c, Apache Kafka, AWS EKS, Kubernetes, Docker, Jenkins, GitLab CI, Git, JIRA, Confluence, Splunk, Grafana, OAuth2, JWT, Swagger.

**Sr. Full Stack Java Developer | BCBS | VA March 21 – April 23 Responsibilities:**

* Developed robust back-end services using Spring Boot and Spring MVC for healthcare claims processing, ensuring high performance and data integrity for member information.
* Designed and implemented RESTful APIs for the claims system, facilitating secure data exchange between internal modules and the external member portal.
* Utilized Hibernate and JPA for efficient object-relational mapping with a PostgreSQL database, managing complex healthcare claims data models.
* Built intuitive and responsive front-end interfaces for the member portal using React.js and Redux, enabling members to view claims history and benefit details.
* Integrated third-party vendor APIs for eligibility verification and provider lookups, ensuring real-time data accuracy for claims adjudication.
* Implemented stringent security measures for the member portal, including Spring Security and multi-factor authentication, to protect sensitive patient health information (PHI).
* Developed batch processing jobs using Spring Batch to handle large volumes of daily claims submissions and data reconciliation with external systems.
* Configured and managed CI/CD pipelines with Jenkins for automated build, test, and deployment of both back-end services and front-end applications.
* Conducted comprehensive unit and integration testing using JUnit and Mockito, ensuring the reliability and accuracy of claims calculations.
* Optimized database queries and application code for performance, significantly reducing claims processing times and improving system responsiveness.
* Utilized JIRA for agile project management, tracking user stories, tasks, and bugs throughout the development lifecycle.
* Performed code reviews and provided constructive feedback to ensure code quality, maintainability, and adherence to established coding standards.
* Implemented message queues using RabbitMQ for asynchronous processing of large claims files, enhancing system scalability and resilience.
* Designed and documented API endpoints using Swagger, promoting clear communication and ease of integration for other development teams.
* Implemented logging and monitoring strategies using ELK Stack (Elasticsearch, Logstash, Kibana) for effective troubleshooting and system oversight.
* Developed custom reporting features within the claims system, providing insights into processing efficiency and claims denial reasons.
* Assisted in deploying applications to Azure Cloud Services, gaining exposure to cloud-native deployments in a regulated industry.

**Environment**: Java 8/11, Spring Boot, Spring MVC, Spring Security, React.js, Redux, PostgreSQL 12, RabbitMQ, Jenkins, Git, JIRA, Confluence, JUnit, Mockito, Azure Cloud Services, ELK Stack, Swagger.

**Java Developer | Walmart | AR Jan 2018 – Feb 2021**

**Responsibilities:**

* Developed core functionalities of the Order Management System (OMS) using Java/J2EE and Spring Boot, handling order creation, fulfillment, and status updates for the e-commerce platform.
* Designed and implemented RESTful APIs for the OMS, facilitating seamless integration with various microservices like inventory, shipping, and payment gateways.
* Utilized MongoDB for flexible storage of order details and customer preferences, leveraging its NoSQL capabilities for high scalability.
* Built and optimized the customer recommendation engine using Java and machine learning concepts, providing personalized product suggestions on the e-commerce site.
* Developed front-end components for the e-commerce website using Angular 8+ and JavaScript, enhancing the user interface for order tracking and product Browse.
* Integrated with third-party payment gateways and shipping APIs to ensure smooth transaction processing and delivery logistics for online orders.
* Managed deployment of applications to AWS EC2 instances, ensuring high availability and scalability of the e-commerce platform, especially during peak seasons.
* Implemented Apache Kafka for event-driven architecture, enabling real-time communication between different services of the e-commerce ecosystem, such as order updates and inventory changes.
* Conducted thorough unit testing with JUnit and Mockito, ensuring the reliability and correctness of OMS logic and recommendation algorithms.
* Performed performance tuning and optimization on Java services, ensuring the e-commerce platform could handle massive traffic during promotional events.
* Utilized Git for version control and collaborated effectively on shared codebases within a large development team.
* Implemented caching mechanisms using Redis to improve the response time of frequently accessed data, such as product catalogs and popular recommendations.
* Developed comprehensive logging and monitoring for the OMS using Splunk, enabling proactive issue detection and system health checks.
* Assisted in maintaining CI/CD pipelines for automated deployments, contributing to faster release cycles for e-commerce features.
* Designed and implemented database schemas for relational data in MySQL, ensuring efficient storage and retrieval of product information and user accounts.
* Troubleshot and debugged complex issues across the full stack, ensuring a seamless shopping experience for customers.
* Contributed to the design of scalable and resilient microservices architectures for the evolving e-commerce platform, preparing for future growth.

**Environment:** Java 8, Spring Boot, React.js, MongoDB, REST APIs, Kafka, Docker, Jenkins, AWS EC2/S3, OAuth2, GraphQL, JUnit, Selenium, Git

**Jr. Java Developer | Newgen Software | India May 14 – Sep 17 Responsibilities:**

* Assisted in developing and maintaining web-based inventory and order management applications using Java and Spring MVC.
* Implemented JSP pages and Servlets for dynamic data display and user interaction across inventory dashboards.
* Developed backend logic for order processing, stock tracking, and shipment scheduling using Hibernate ORM with MySQL.
* Wrote and executed unit test cases using JUnit to verify business logic and data integrity during development cycles.
* Created SQL queries, joins, and stored procedures to support complex inventory reporting and audit requirements.
* Fixed bugs and enhanced existing modules by debugging Java code and analyzing application logs on Tomcat servers.
* Used Maven for build automation, dependency management, and packaging of WAR files for deployment on Apache Tomcat.
* Followed version control best practices using SVN for code check-in, branching, and merging during sprint cycles.
* Supported deployment activities, ensuring smooth transitions between development, QA, and production environments.
* Documented code changes, technical specifications, and user guides to support knowledge sharing within the team.
* Learned and applied design patterns such as DAO, MVC, and Singleton for modular and maintainable code structure.
* Implemented client-side validations and input sanitization to improve data quality and user input handling.
* Assisted in integrating third-party APIs for order tracking and shipment status updates within the inventory system.

**Environment:** Java 7/8, J2EE, Servlets, JSP, Oracle 11g, SQL Server, Apache Tomcat, JBoss WildFly, SVN, JUnit, Eclipse IDE, Windows Server.