Sai Kiran

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Java Full Stack Developer

Professional Summary:

Experienced Java Full Stack Developer with over 5 years of back-end web development experience, specializing in building multi-threaded applications in a Linux environment within the banking domain. Proficient in Java, Angular, React and various REST payment API integrations. Adept at working with microservices architecture using Jenkins and Git, containerization using Docker and Kubernetes, and cloud services such as AWS and Azure DevOps. Strong knowledge of enterprise architecture, design patterns, and Agile development methodologies.

Technical Skills:

- **Programming Languages:** Java, JavaScript, TypeScript, Sybase SQL, Python, JSON, XML
- **J2EE Technologies:** Java Servlets, JDBC, JMS, Spring Core, MVC, JPA, Batch, Boot, Integration
- **Web Technologies:** HTML5, CSS3, UML, AJAX, jQuery, Angular, React, Vue.js
- **ORM Frameworks:** Hibernate, DAO, Spring JPA
- **Web/App Servers:** Apache Tomcat, WebLogic, WebSphere, SOAP, Microservices, SASS, Webpack
- **Message Queues:** Apache Kafka with ZooKeeper, RabbitMQ
- **Databases:** Oracle, MySQL, MongoDB, Microsoft SQL Server, Redis
- **API Security:** OAuth 2.0, Okta, SSO, MFA, SWIFT Messaging
- **DevOps Tools:** Git, GitHub, Gradle, Maven, Jenkins, CI/CD, Docker, Artifactory, Kubernetes, Terraform, Ansible
- **Cloud Technologies:** AWS EC2, S3, RDS, VPC, Lambda, AWS Step Functions, Azure DevOps, OpenShift, AWS Glue
- **Operating Systems:** Windows, UNIX, Linux
- **Tools & Frameworks:** JUnit, Mockito, Grafana, Splunk, Blockchain Basics, Jira, Confluence, Object Oriented Design, WCAG 2.0, Postman

Professional Experience:

Citi Bank, Mississauga, Canada   **April 2023 to Present**
Java Full Stack Developer

- Designed and developed complex application programming solutions, and leading the technical infrastructure design using **Java, Spring framework, Angular, Hibernate** and **REST services**.
- Rapidly prototyped a **payment processing** module in 1 week using Spring Boot and Angular, delivering a scalable solution under tight deadlines.
- Developed **microservices** based **applications** using **Docker**, and **Kubernetes**.
- Utilized **Java frameworks** such as **Spring**, **Spring MVC**, **Hibernate**, and **Camel** to build scalable and maintainable enterprise solutions.
- Developed a solution handling 1M+ daily transactions, ensuring reliability for high-volume production environments.
- Implemented and maintained API endpoints, integrating with **JSON** and **XML** based data.

- Deployed **event-driven** architectures using messaging tools **Apache Kafka** and **RabbitMQ** for real-time data streaming and processing.
- Architected a **SaaS-based payment** gateway from scratch using Java Backend and **AWS Lambda**, integrating **OAuth2** for secure access.
- Engineered a **SWIFT-compliant** payment gateway using Spring Core and **Kafka**, enabling secure cross-border transactions for 100K+ monthly users.
- Developed and maintained **SQL** and **NoSQL** databases like **Oracle**, **PostgreSQL** and **MongoDB**.
- Created and maintained **Entity Relationship Diagrams** and optimized **database objects** like tables, indexes, and stored procedures for **performance** and **Data Lifecycle Management**.
- Designed secured **REST-APIs** using **OAuth 2.0, JWT** and other security standards, ensuring seamless integration with third-party systems.
- Ensured cross-browser compatibility and **WCAG 2.0** accessibility standards in **Angular UIs**, delivering responsive designs for diverse user bases.
- **Automated** repetitive tasks, improving development efficiency and reducing manual effort.
- Integrated **CI/CD pipelines** using **Jenkins, Maven,** and **SonarQube**, configuring **POM.xml** files and **Jenkins plugins** to automate build, test, and deployment processes, ensuring code quality and delivery across **DEV, UAT** and **PROD** environments.
- Worked closely with **software testing teams** to develop and maintain **robust test scripts** and **test environments**, ensuring comprehensive test coverage using **JUnit** and **Mockito**.
- Leveraged **cloud technologies** to deploy, manage, and optimize systems, utilizing **Azure DevOps** and **AWS** services like **EC2**, **S3**, **Lambda**, and **RDS**.
- Streamlined web application throughput by implementing **lazy loading** and **caching** in Angular, reducing page load times by 25%.
- Automated compliance workflows using **AWS Step Functions** and Java, streamlining **regulatory reporting** for banking operations.
- Automated **financial reconciliation** processes using Java and **AWS Glue**, saving 50 hours monthly for treasury operations.
- Collaborated with cross-functional teams to design **system and application architecture**, create **system design documents**, and maintain application maintenance documents**.**
- Translated business requirements into technical designs for a microservices-based fraud detection system, aligning solutions with **stakeholder goals**
- Supported the **operations group** in **application problem analysis and resolution**, ensuring minimal downtime and optimal application speed.
- Participated in **rotating on-call support** to provide timely resolution of critical issues and ensure **24/7 system availability**.
- Created **UML diagrams**, **system design documents**, and **technical specifications** to ensure clear communication across teams.
- Mentored junior developers, conducted **code reviews**, and promoted best practices in software development, including **design patterns** like **Factory**, **Observer**, **Adapter** and **coding standards**.
- Participated in **Agile/Scrum development** processes, contributing to continuous improvement and delivery of high-quality software.
- Facilitated knowledge sharing by leading bi-weekly workshops on best practices, fostering a culture of intellectual curiosity.

Environment: Java Stack: Java, J2EE; Web Technologies: HTML5, CSS3, Angular JS, Node JS, JSON, AJAX Frameworks: Spring Ecosystem, Hibernate; Database: MySQL, MongoDB Server; Messaging: JMS Build and Deploy: Maven, Jenkins, Docker, Kubernetes, AWS; IDE: Eclipse IDE; Version Control: Bitbucket, JIRA

HSBC Bank, Hyderabad, India   **March 2020 to March 2023**
Software Developer

- Developed high-efficiency, scalable applications using **Java 8**, leveraging advanced features like **Lambdas**, **Streams**, and **Multithreading** for optimizing.
- Developed a real-time transaction dashboard in 10 days using Java 8 and React, blending iterative and adaptive methods to meet urgent business needs.
- Utilized the **Spring Framework** like **Spring MVC**, **Spring Data**, and **Spring Security** to build robust and secure enterprise platforms.
- Designed and implemented **web services** and **GraphQL** endpoints, integrating **authentication mechanisms** such as **OAuth2** and **JWT** for secure communication.
- Wrote efficient **SQL queries** and **refined** database to support high-throughput systems.
- Configured and optimized **Apache Tomcat** for deploying **applications**, ensuring high availability and performance tuning.
- Executed **Log4j** for structured logging, enabling efficient monitoring, debugging, and compliance with security best practices.
- Established **design patterns** such as **Singleton, Factory, Strategy,** and **Observer** to enhance code reusability, maintainability, and scalability in **microservices** architecture.
- Developed and enhanced **multi-threaded** solutions using **Java Concurrency API, Executors,** and **parallel streams,** ensuring efficient resource utilization and high-frequency processing.
- Applied strong knowledge of **data structures** and **algorithms** to solve complex problems and improve application efficiency.
- Executed **ORM tools** like **Hibernate** and **JPA** to streamline database interactions and improve development productivity.
- Developed responsive and accessible **UI components** using **ReactJS, JavaScript, TypeScript,** and **Material-UI,** optimizing performance with lazy loading, code splitting, and state management.
- Built a real-time **AML monitoring tool** with React and Spring Security, reducing false positives by 20% for compliance teams.
- **Integrated front-end components** with **back-end APIs**, ensuring seamless communication and a cohesive user experience.
- Integrated third-party **SaaS** providers, **SDKs,** and **APIs**, including **OAuth2, OpenID Connect, and SAML** for secure authentication.
- Designed and established real-time **data streaming** solutions using **Event Streams**, enabling reliable, scalable, and event-driven communication between **Distributed Services.**
- Supported a **high-volume trading** platform processing 500K+ requests daily, optimizing with multithreading and Kafka.
- Boosted **Kafka producers, consumers**, and **topics** by configuring partitioning, replication, and **message retention policies**, ensuring **high availability** and fault tolerance in distributed systems.
- Configured and maintained **CI/CD pipelines** using tools like **Jenkins, GitHub Actions,** and **GitLab CI** for automated builds, testing, and deployments.

- Managed and streamlined **Linux-based** server environments**,** performing shell scripting, process monitoring, log analysis, and performance tuning for deployed applications on **Apache Tomcat** and **Kubernetes clusters**.
- Worked with **GCP** Google Kubernetes Engine GKE **and AWS** services like **EKS, Lambda, S3, API Gateway, IAM** to deploy and manage cloud-native applications.
- Provided **Production support** for mission-critical tools, performing **real-time debugging, log analysis in Log4j, and issue resolution** to ensure system stability and minimal downtime.
- Collaborated closely with **Testers, Product Support, Operations, and stakeholders**, ensuring smooth application delivery, quick issue resolution, and alignment with business requirements.

Environment: Java, JSP, Spring (MVC, ORM, IOC, JDBC), Spring Batch, Hibernate, JavaScript, HTML5, CSS3, JSON, REST, WebLogic, Jenkins, Maven, SVN, Eclipse 3.4, Oracle 10g, Xml, Log4j, Windows, Docker, Kubernetes, AWS, GCP, Nexus

Education:

Bachelor's in COMPUTER SCIENCE & ENGINEERING from JNTUH in 2020.