Sreeram Kollu

Java Full Stack Developer

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SUMMARY

- Over 5 years of experience as a Java Full Stack Developer in Analysis, Technical Design, Development, and Implementation across all stages of SDLC and Java/J2EE environments.
- Proficient in using JavaScript libraries/frameworks like Node.js, React, and Angular to develop dynamic and responsive web applications.
- Expertise in designing and developing RESTful APIs and microservices using Spring Boot, Spring Security, and OAuth2.0, ensuring secure and efficient communication between services.
- Managed and optimized RDBMS databases using MySQL, SQL Server and implemented ORM with Hibernate (JPA) for efficient data handling.
- Adept at utilizing AWS services like EC2, S3, Lambda, ECS, and CloudWatch for scalable and highly available application deployment.
- Developed front-end components using React, incorporating modern design principles and state management with React Hooks and Redux.

SKILLS

Methodology	:	SDLC, Agile.
Languages	:	C, C++, Core Java, Java 8, SQL, Swift, C#, Python.
Frameworks/Libraries:		Spring MVC, Hibernate, React.js, Angular, Spring Boot, SOAP, Microservices, Spring Security, API Gateway (APIGEE), Node.js.
IDE's	:	NetBeans, IntelliJ IDE, Eclipse, Xcode, Visual Studio Code.
J2EE Technologies	:	Servlets, JSP, JavaBeans, JDBC.
Web Technologies	:	HTML, CSS, Bootstrap, JavaScript, TypeScript, jQuery, Ajax, JSON, XML, GraphQL.
Application Server	:	Apache Tomcat, AWS, Azure, OCI, GCP.
Database	:	MySQL, Oracle, DB2, PL/SQL, SQL Server, PostgreSQL, NoSQL, Tableau.
Build /Other tools	:	MS Visio, Maven, Gradle, Junit & Mockito, Cucumber, Jenkins, Docker, Kubernetes, Kafka, Kibana, Terraform, SonarQube, Postman, Swagger, Splunk, Spark, Redis, Service Now.
Version Control Tools	:	Git, GitHub, Git Bash, Git Lab, Jira, Bit Bucket.
Operating Systems	:	Windows, Linux.

EXPERIENCE

Charles Schwab, US |Feb 2023 – Current | Java Full Stack Developer

- Elevated web application performance through Node.js load balancing, achieving a 40% improvement and propelling user engagement by 25%. Managed migration from Angular 13 to Angular 15, collaborating with cross-functional teams in an Agile environment.
- Designed and implemented Spring Boot microservices architecture, leveraging Java 8 for secure and efficient development. Implemented robust security measures and integrated Kafka for reliable messaging and event streaming.
- Utilized API Gateway to manage and secure API traffic, enhancing the performance and reliability of web services. Designed and deployed serverless microservices using AWS Lambda, integrated with DynamoDB for storage, and utilized SNS/SQS for messaging services.
- Set up Tomcat and Jenkins CI/CD pipeline for 6 projects, resulting in a 25% reduction in deployment time. Integrated Splunk for comprehensive log monitoring and established monitoring with S3 and CloudWatch integration.
- Implemented Object-Relational Mapping (ORM) using Hibernate (JPA) to establish a mapping between object-oriented domain models and relational databases like MySQL, as well as NoSQL databases like MongoDB.
- Conducted functional validations using Postman for APIs and automated testing using JUnit, resulting in a 90% improvement in bug detection.

Verizon| Jan 2022 – December 2022| Java Full Stack Developer

- Boosted web application efficiency by optimizing Java Spring Boot services, leading to a 35% increase in response times and improved user engagement by 30%.
- Seamlessly integrated the application with Microsoft Azure, utilizing Azure Functions for serverless computing and Azure DevOps for streamlined CI/CD processes. Implemented Azure Monitor and Log Analytics for comprehensive monitoring and logging, achieving a 40% reduction in issue resolution time through proactive identification and rapid troubleshooting.
- Designed and implemented a scalable and resilient microservices architecture using Spring Boot and Spring Cloud. Developed and secured RESTful APIs with Spring Security and OAuth2.0, ensuring robust and efficient communication between services.
- Led the transition from AngularJS to React, enhancing the user interface with modern, responsive design principles using React Hooks and Redux for state management.
- Implemented data storage solutions using both SQL (PostgreSQL) and NoSQL (Cosmos DB) databases, optimizing query performance and data retrieval times.
- Utilized Docker and Kubernetes on Azure Kubernetes Service (AKS) to manage and orchestrate containerized applications, achieving high availability and automated scaling.
- Implemented automated testing frameworks using JUnit and Selenium, resulting in a 95% reduction in manual testing efforts and early bug detection.

Stanvac System, India | June 2019 - Aug 2021 | Java Full Stack Developer

- Designed and implemented a REST API application for streamlined client onboarding using Spring Boot, ensuring secure communication. Conducted thorough testing with Postman integrated with Swagger to optimize API performance and reduce response time by 20%.
- Utilized Python Flask for efficient backend development and integration, enhancing the application's scalability and performance.
- Developed asset components using React, JavaScript, HTML, and CSS for the institution's website, utilizing Oracle's WebCenter Sites (WCS) 12c CMS tool. Enhanced website functionality and user experience, contributing to a 15% increase in user engagement.
- Developed secure authentication and authorization mechanisms using Spring Security and OAuth2.0, ensuring data confidentiality.
- Implemented API Gateway for managing and securing API traffic, enhancing the performance and reliability of web services.
- Developed custom AWS Lambda functions to automate routine EKS maintenance tasks, reducing manual intervention by 80%.
- Performed unit testing, integration testing, and generated test cases for the web application using TestNG, Jenkins, and Log4j, ensuring high-quality software delivery.

Adrin, India | Jan 2019 – May 2019 | Software Developer

- Designed and implemented an architecture integrating Spring MVC and Hibernate (JPA) for MySQLand Oracle DB, resulting in a 40% reduction in query response time for REST and SOAP-based web services.
- Created a Map Control interface using Python, Java, and C# for real-time drone monitoring, enhancing GUI capabilities for effective data visualization.
- Implemented Google Cloud Firebase for efficient telemetry data storage, enabling seamless real-time tracking and location display within the Map Control.
- Implemented JavaScript framework like Node.js as a server-side proxy to monitor response times, while developing multiple front-end screens using the Angular, Typescript and React.js Framework to enhance user interaction.
- Resolved 95% of the issues raised by business and tracked using Jira while demonstrating improvements in exception handling scenarios to cover 90% of the issues.
- Implemented Log4J for Logging Errors, debugging and tracking using Logging components.

Education

MS in Computer Science

University of North Carolina, Charlotte.

Bachelor's in Information Technology

Vasavi College of Engineering.