

Sreeram Kollu

Java Full Stack Developer

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SUMMARY

- 5+ years of experience as a Java Full stack developer in Analysis, Technical Design, Development, Implementation, Performance Tuning, Testing in all stages of SDLC and Java/J2EE environments, maintenance of application software in real-time enterprise applications.
- Experience utilizing JavaScript libraries/frameworks such as Node.js, React & Angular. Proficient in designing dynamic web applications using HTML, CSS, JavaScript, jQuery, AJAX, and JSON.
- Experience in Requirement/Code/Data Analysis, bug fixing, debugging, map reduces, design patterns, Java 8 lambda. Experience in using frameworks like spring, JPA, Hibernate & Struts.
- Managed Amazon Web Services like EC2, S3 bucket, Lambda, Auto-scaling through API Integration. Experienced in build and data logging tools like Ant and Maven, Log4j and Log back for Logging and Junit for testing.
- Implemented and maintained 5+ RDBMS databases using MySQL, SQL Server, and MongoDB, resulting in a 99% Uptime and minimal Downtime.

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 | Sep 2023 – Current | Java Full Stack Developer

- Elevated web application performance through Node.js load balancing, achieving a 40% improvement, propelled user engagement by 25%, with migration from Angular 13 to Angular 15.
- Integrated Angular application with Apache Cordova framework to convert web application into a hybrid mobile application that can run on iOS and Android platforms.
- Set up Tomcat and Jenkins CI/CD pipeline for 6 projects, resulting in a 25% reduction in time and integrated Splunk for log monitoring and constructed serverless microservices using AWS Lambda with S3/CloudWatch integration.
- Implemented Object-Relational Mapping (ORM) using Hibernate (JPA) to establish a mapping between object-oriented domain models and traditional relational database like MySQL and NoSQL like MongoDB.
- Conducted functional validations using Postman for 50 APIs, and automated test Junit for each implementation, resulting in a 90% improvement in bug detection.
- Involved in web design for portals using Spring framework, HTML, CSS, Angular for responsive front-end components.
- Implemented and managed a containerized application deployment environment using Amazon ECS, orchestrating scalable and highly available microservices. Gained the knowledge of utilizing Kinesis to design and implement scalable and real-time data processing solutions.
- Handled escalated issues from L1 support and performed in-depth analysis and advanced troubleshooting. Assisted with the deployment of software updates, patches, and new releases into the production environment, following a controlled and documented process to maintain system stability.

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

- Designed and implemented a REST API application for streamlined client on boarding, utilizing React for dynamic interfaces and Java Spring for secure communication and tested using Postman by Swagger reducing APIs response time by 20%.
- Developed asset components using React, JavaScript, HTML, and CSS for Institution's website, utilizing Oracle's WebCenter Sites (WCS) 12c CMS tool. Results to Enhanced website functionality and user experience, contributing to a 15% increase in user engagement.
- Developed secure authentication and authorization mechanisms using Spring Security, OAuth2.0 ensuring data confidentiality.
- Leveraged Docker, Kubernetes, Platform9, ECS, EKS, Openshift, and Cloud Foundry for efficient application containerization and deployment.
- Developed custom AWS Lambda functions to automate routine EKS maintenance tasks, reducing manual intervention by 80 percentage.
- Performed Unit testing, integration testing and generating test cases for the web application using TestNG, Jenkins and Log4j.

Adrin, India | Jun 2018 – May 2019 | Software Developer

- Designed and implemented an architecture integrating Spring MVC and Hibernate (JPA) for MySQL and 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.