

Sreedharbabu Koduru

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Summary

A seasoned Software Engineer with expertise in full-stack development and a solid foundation in object-oriented programming. Experienced in building and maintaining AWS cloud-based services, implementing robust backend solutions using Spring Boot, and enhancing applications with technologies like Angular JS, Docker, and Kubernetes. Demonstrated capability in setting engineering standards and collaborating across teams to improve system design and risk models. Eager to contribute technical skills and innovative solutions at Remitly to drive fraud and compliance risk innovations.

Skills

- **Methodologies:** SAML, Agile/Scrum
- **Languages:** C, C++, Java, Android (Kotlin), SQL, Typescript, JavaScript, PHP, Python
- **Frameworks/Libraries:** Humberate, React.js, Angular.js, OAuth 2.0, Node.js, GraphQL, Mocha
- **Spring Frameworks:** Spring Boot, Spring MVC, Spring REST, Spring Cloud, Spring Batch, Spring Security, Spring Data JPA
- **J2EE Technologies:** Servlets, JSP, StQL, JavaBeans, JDBC, JWT
- **Testing Frameworks and Tools:** Postman, JUnit, Mockito, Jira
- **Cloud:** AWS (EC2, SQS, SNS, Elastic Beanstalk, Lambda, Code Deployment, and CloudWatch), AWS cloud infrastructure, S3
- **Database:** Oracle, PostgreSQL, MongoDB, DynamoDB
- **CI/CD and DevOps Tools:** Docker, Kubernetes, Jenkins, Git, GitHub, Postman, Grafana, Kafka
- **Web Technologies:** HTML
- **Architecture:** Software architecture
- **Object-oriented Programming:** Object-oriented programming

Experience

Hajana Technologies

Apr 2024 - Nov 2024

Software Engineer

california

- Created scalable and secure Java Spring Boot RESTful APIs using AWS Lambda, API Gateway, and Java Spring Boot, handling 50K+ requests/month and seamlessly delivering real-time data from AWS RDS databases to client applications.
- Integrated Spring Boot with React.js, enabling secure user authentication and authorization, improving application security by 25% while reducing login times by 30%.
- Established automated CI/CD pipelines using AWS CodePipeline, CodeBuild, and CodeDeploy, achieving a 40% reduction in deployment time and increasing deployment frequency through build, test, and deployment phases.
- Accelerated application deployment by 50% by implementing robust CI/CD pipelines using Kubernetes, Jenkins, and GitLab CI, reducing manual deployment time and ensuring faster, more reliable software releases.
- Diagnosed and troubleshot REST API and SOAP integration problems in SoyUI, collaborating with backend developers to enhance API functionality.

Harman Connected Services, India

Aug 2021 - Jul 2022

Software Engineer - II

- Configured a robust component library using Angular Material while reducing the development time by 20% through code reusability and standardized UI elements.
- Streamlined deployment and reduced provisioning time by 30% by automating the deployment of Java applications on AWS Elastic Compute Cloud using CI/CD pipelines built with Jenkins, OpenShift, and AWS CloudFormation.
- Developed unit testing and integration testing using Spring Boot Test and Mockito, which improved code quality and reduced bug occurrence in production.
- Leveraged Spring Data JPA's caching capabilities to reduce database interactions by 20%, leading to improvement in application performance achieved by caching strategies for frequently accessed data, minimizing redundant database queries.
- Implemented an Android application using Java and Kotlin for ADAS Level-0, enhancing image recognition and processing efficiency, which improved the accuracy of subsequent processing stages.
- Engineered system and software requirements for the automotive industry using ASPICE standards, enhancing project compliance and efficiency.

TopHat Software Technologies, India

Aug 2020 - Jul 2021

Software Engineer - I

- Built and maintained responsive web applications using Angular, improving performance by 20% through efficient state management and code optimization.
- Collaborated with cross-functional teams to design and develop RESTful API services using Spring Boot, enabling seamless integration with external project services and improving overall project efficiency by 15%.
- Established a GraphQL API to query data from diverse sources efficiently, enabling real-time visualization of key metrics through integrated Grafana dashboards increasing data retrieval efficiency by 30%.
- Utilized asynchronous messaging using JMS with RabbitMQ, enhancing the system by 20% and decreasing database load by 30% through decoupled message processing.

Education

University of Memphis

Master of Science, Computer Science

• **GPA:** 3.5

Jun 2022 - May 2024

Memphis, TN

Kalasalingam Academy of Research and Education

B.Tech, Computer Science and Engineering

• **GPA:** 3.5

Jun 2017 - May 2021