

Siripireddy Chandu

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Resume Headline

Full Stack Developer with 2 years of experience building scalable, cloud-native applications using Angular/React, Java, Spring Boot, Microservices, Kafka, and AWS.

Professional Summary

- 2years of experience in designing and developing enterprise-grade distributed systems.
- Strong expertise in microservices architecture, RESTful APIs, and event-driven systems.
- Experienced in handling high-volume data systems with Kafka and Redis caching.
- Proven ability to improve performance, scalability, and system reliability.
- Hands-on experience with CI/CD automation, containerization, and cloud deployments.
- Adept at writing clean, maintainable, and testable code following best practices.

Technical Skills

Frontend: React.js, TypeScript, JavaScript ES6+

Backend: Java (8/11/17), Spring Boot, Spring MVC, Spring Security, Microservices

Databases: MySQL, PostgreSQL, Oracle, MongoDB, Redis

Messaging: Kafka, RabbitMQ, JMS

DevOps: Docker, Kubernetes, Jenkins, GitHub Actions, AWS (EC2, S3, RDS)

Testing: JUnit, Mockito, Jasmine, Karma, TestNG

Tools: Git, Maven, Gradle, IntelliJ, VS Code, JIRA, Confluence

Professional Experience

Full Stack Engineer

May 2024 – Present

Wipro

Bangalore

- Developed dynamic and responsive Angular applications for auto retail analytics dashboards.
- Implemented lazy loading and data virtualization improving UI performance for large datasets.
- Built backend REST APIs using Spring MVC and Hibernate.
- Integrated external dealer and OEM APIs for real-time inventory and pricing.
- Enhanced deployment efficiency by implementing Jenkins CI/CD pipelines.
- Improved application stability by resolving critical production issues.
- Designed optimized database schemas and queries for large-scale vehicle data.
- Implemented logging and monitoring solutions using ELK Stack.
- Participated in Agile ceremonies including sprint planning, standups, and retrospectives.

Projects

Project 1: Student Lending & Education Finance Platform (Banking Domain)

Role: Full Stack Developer

Client: Sallie Mae Bank, USA

Tech Stack: React.js, Java 11, Spring Boot, Kafka, Redis, PostgreSQL, AWS, Docker, Kubernetes, Jenkins

Project Description: A cloud-native, scalable student lending platform supporting loan origination, cosigner workflows, income share agreements (ISA), loan servicing, and regulatory compliance (CFPB/FSA). The system processes high-volume financial transactions and integrates with multiple external federal systems.

Roles & Responsibilities:

- Designed and developed end-to-end microservices architecture for loan origination, servicing, and compliance modules.
- Built dynamic React dashboards for loan officers, underwriters, and servicing teams.
- Developed Smart Option Loan wizard with multi-step workflows and validation logic.
- Implemented secure authentication and authorization using OAuth2, JWT, and RBAC.
- Integrated external FSA/NSLDS APIs for student loan verification and eligibility checks.

- Designed Kafka event-driven architecture for loan lifecycle events and repayment triggers.
- Implemented Redis caching for frequently accessed loan and borrower data reducing latency.
- Optimized PostgreSQL queries using indexing, partitioning, and execution plan tuning.
- Improved system performance by 30% through backend optimizations and async processing.
- Built REST APIs with proper exception handling, validation, and API versioning.
- Containerized applications using Docker and deployed on Kubernetes clusters.
- Configured AWS infrastructure (EC2, RDS, S3) for scalable and fault-tolerant deployments.
- Implemented CI/CD pipelines with Jenkins including automated testing and compliance checks.
- Monitored system performance using ELK Stack, Prometheus, and Grafana dashboards.
- Ensured regulatory compliance (CFPB/FSA) through audit logging and validation rules.
- Collaborated with cross-functional teams in Agile environment for sprint delivery.

Project 2: Home Warranty & Extended Protection Platform (Insurance Domain)

Role: Java Developer

Client: American Home Shield (Frontdoor Inc.), USA

Tech Stack: Java 8, Spring MVC, Hibernate, MySQL, JSP, Servlets, Docker

Project Description: An enterprise home warranty platform managing appliance coverage, contractor dispatch, claims processing, and service fee handling. The system supports real estate warranty plans and large-scale contractor networks across multiple regions.

Roles & Responsibilities:

- Developed backend modules for warranty enrollment, claims processing, and contractor dispatch.
- Built JSP/Servlet-based UI screens for internal operations and customer workflows.
- Implemented Spring MVC architecture with controllers, services, and DAO layers.
- Designed Hibernate ORM mappings for complex relational data models.
- Created rule-based engines for warranty eligibility and claim approval workflows.
- Developed contractor routing logic based on location, availability, and expertise.
- Optimized MySQL queries for reporting and analytics dashboards.
- Improved application performance by reducing query execution time and server load.
- Implemented exception handling and logging mechanisms for system reliability.
- Supported real estate warranty modules for home resale scenarios.
- Containerized application using Docker for consistent deployment environments.
- Documented APIs, workflows, and business rules using Confluence.
- Provided production support handling high claim volumes during peak seasons.
- Collaborated with QA and business teams for testing and requirement validation.

Education

B.Tech – Siddharth Institute Science and Technology (2020–2024) – 62.4