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SOFTWARE ENGINEER

Steve S. Lee

Software Engineer with 3+ years of experience in Java, Spring Boot, and microservices architecture. Designs, develops, tests, and deploys scalable and reliable software systems to cloud infrastructure (AWS). Proven ability to collaborate effectively in Agile methodology and solve problems using computer science fundamentals.

SKILLS

- **Programming languages:** Go, Golang, Java, SQL, NoSQL, TypeScript, JavaScript, Python
- **Frontend:** Angular, React, HTML, CSS, rxjs, Bootstrap, Next.js
- **Backend:** Java, Spring Boot, Spring, Hibernate, Vert.x, JUnit, Mockito, rxJava, gin, gorm, PostgreSQL, MySQL, MongoDB, Amazon Web Services (AWS), Red Hat OpenShift, AWS EC2, AWS Lambda, AWS S3, Jenkins, Docker, Continuous Integration / Continuous deployment (CI/CD), SonarQube, Fortify, Maven, Gradle, Node.js
- **Knowledge of:** Microservices, Distributed Systems, Agile methodology, Software Development Lifecycle (SDLC), Design Patterns, Event-Driven Architecture, SOLID, MVC, CQRS, Builder, Observer, RESTful APIs, WebSocket, HTTP, FTP, OAuth2.0, OIDC, OCPP, Object-Oriented Programming (OOP), Domain-Driven Development (DDD), Kafka, gRPC
- **Tools:** Visual Studio Code, IntelliJ IDEA, Postman, Git, Version Control, GitHub, Jira, Confluence, Unix/Linux

EXPERIENCE

SOFTWARE ENGINEER

JAN 2022 - JUL-2024

INFOSYS

HARTFORD, CT

- Contributed to 3 PaaS projects within a banking industry by gathering requirements and providing solutions
- Developed with Java, Spring Boot, AWS cloud distributed systems, CI/CD, Jenkins, Docker, Openshift
- Led and developed 5 microservices using Flowable BPMN engine with a team of 3.
- Participated in relevant architecture discussions, adhering to single responsibility principles and CQRS patterns
- Researched and implemented POC for 2 rules engines with a team of 5 within a month, incorporating 1075 rules.
- Authored technical documents: flowcharts, Unified Modeling Language (UML) diagrams, how-to articles, technical playbook in Confluence for all 3 projects with over 15+ pages.
- Developed frontend pages using TypeScript and Angular, leveraging rxjs library to ensure sequential asynchronous RESTful API calls and smooth server-side pagination on table components.

SOFTWARE ENGINEER

FEB 2021 - JUN 2021

TARDIS TECHNOLOGY

SEOUL, SOUTH KOREA

- Developed proxy and management servers for the electric vehicle Charging Station Management System (CSMS).
- Created a WebSocket proxy server to communicate with chargers and HTTP server using REST API for the management system. Uses Java, Vert.x, RxJava, Websocket, Gradle, PostgreSQL.
- Analyzed, designed, developed, and tested in converting PHP data crawler into Java, handling 80,000+ data points per scheduled data scanning. Uses MariaDB, RESTful API, SOAP API, Vert.x
- Communicated with Open Charge Alliance (OCA) on behalf of the company for membership, testing, and certification regarding OCPP 1.6 and 2.0.1.

EDUCATION

Rutgers Coding Bootcamp in Web Development
Rutgers University

Oct 2020
Remote, NJ

Bachelor of Arts in Literature
New York University

May 2019
New York, NY