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Summary

- Full-stack developer, open-source contributor, and certified scrum master, with close to 8 years of professional software development experience having strong analytical and troubleshooting skills.

Skills

- Java, Spring, JavaScript, TypeScript, NodeJS, ReactJS, NestJS, Python, Android, HTML, C, C++
- MarkLogic, MongoDB, MySQL, Redis, MS SQL, SQLite
- Docker, Kubernetes, REST, GraphQL, AWS, Swagger, Jenkins, GIT, JUnit, Azure, Mockito, Cypress, RTL

Professional Experience

Thumbtack **Senior Software Engineer** **03/2023 – Present**

- Developed integration solutions for marketing technology to drive top line revenue growth

Salesforce **Senior Member of Technical Staff** **06/2021 – 03/2023**

- Developed and launched a global marketplace for showcasing MuleSoft assets and solutions within 9 months
- Constituted an architecture review process, architected the new marketplace after evaluating multiple technologies
- Delivered the orchestration services while mentoring other engineers to contribute towards the codebase
- Enabled new engineers to start contributing within 2 weeks of joining defining a clear onboarding plan

MarkLogic Corporation **Senior Software Engineer** **06/2017 – 06/2021**

- Designed and developed both on-prem and cloud-native solutions for data integration pipeline, which includes ingestion, curation, exploration, and secure access of data
- Led a 7-person scrum team to develop the company's first hybrid cloud-native web application

eCampus, San Jose State University **Technical Solutions Developer** **01/2017 - 05/2018**

- Developed VR-based interactive scenarios using a state-machine pattern to be used by USAF ROTC for training cadets

Compact Softech **Software Engineer** **03/2015 - 06/2016**

- Spearheaded the firm's Android efforts by leading a 2-person team to port the web app over to native Android app

Professional Projects

CAM – (Salesforce) (Java, Spring-Boot, REST, JS, ReactJS, AWS, MySQL, Docker, Gradle, Kubernetes, Terraform, Liquibase)

- Reduced time to publish assets by 4.3x by architecting a distributed, scalable and secure publishing tool

Hub-Central – (MarkLogic) (Java, Spring-Boot, REST, JavaScript, ReactJS, AWS, Azure, Docker, Gradle, RPM, Shell script)

- Implemented the common services for authentication, session management, and the core database connection
- Designed and implemented logging, health and restart features that are integral to the cloud service deployment
- Improved search performance by 2x by re-architecting the search feature

RDF4J Library – (MarkLogic) (Java, Eclipse RDF4J, MarkLogic, Gradle, JUnit)

- Developed an open-sourced semantic library for MarkLogic database to store, search and manage triples/quads
- Reduced the ingestion time by 6.5x by implementing a multi-threaded client-side parser

RESTful Dockerized Expense management system – (SJSU) (Python, Flask, Redis, MySQL, REST, Docker, Shell script)

- Developed a RESTful, distributed, scalable and fault-tolerant corporate expense management system.
- Implemented Dynamic Replica Registration and Dynamic load balancing.
- Achieved quick failure detection by implementing Circuit-Breaker design pattern
- Implemented Bulkhead design pattern using data sharding

Education

M.S. in Software Engineering **San Jose State University** **May 2018** **GPA- 3.76/4**

B.E. in Computer Science & Engineering **Babaria Institute of Technology** **April 2015** **GPA- 3.89/4**