AKSHAY SONVANE

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Summary

- Full-stack developer, open-source contributor, and certified scrum master, with 10 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

Salesforce   **Lead Member of Technical Staff**   **01/2024 – Present**
- Migrated Kubernetes clusters to Karpenter with zero downtime, achieving 10% cost savings

Thumbtack   **Senior Software Engineer**   **03/2023 – 01/2024**
- 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

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
- Improved search performance by 2x by re-architecting the search feature

Data-Hub – *(MarkLogic)* *(Java, Spring Framework, JavaScript, XQuery, MarkLogic, Gradle, JUnit)*
- Consolidated multiple databases reducing the number of resources required for backup, replication and maintenance
- Massively reduced the time required to run harmonization tasks on a multi-node cluster by parallelizing requests

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

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**