

Software Engineering Manager

Experienced software engineering manager with a proven track record of leading and managing high-performing teams to deliver innovative solutions. With a background in software development and expertise in cloud-based technologies, I have successfully overseen the development and deployment of scalable web applications at various companies. My commitment to fostering team collaboration, implementing agile methodologies, and maintaining high coding standards has resulted in successful project deliveries and satisfied stakeholders.

Experience

Software Engineering Manager

June 2020 – Present

- Led and managed a team of 8 developers to deliver a suite of highly scalable cloud-based web applications using various AWS technologies like ECS, Lambda, Step Functions, and Event bridge etc. for Product Data Intelligence Team
- **Led the engineering and deployment of LLM-based solutions**, including **RAG-based** internal search chatbot, **sentiment/thematic analysis** for product reviews for Lab126 Hardware Product, and **NL2SQL interfaces** to democratize access to hardware analytics data
- Collaborated across teams covering Product, Design, Engineering, and other departments to align and execute organizational goals with Product objectives
- Introduced Agile Methodologies in development process in order to streamline it, to increase transparency and improved an early and predictable deliveries in 75% projects
- Interviewed, hired and onboarded 4 engineers with a retention rate of 90% within the team
- Oversaw the performance assessment, career advancement, and growth opportunities for the team through consistent biweekly one-on-one meetings. These sessions aimed to identify challenges, gain insights into the progress and milestones reached by each team member, and offer timely feedback as necessary
- Conducted in-depth evaluations of architectural frameworks and design proposals, ensuring compliance with industry best practices, which resulted in the successful deployment of 7 major projects without any post-launch issues
- Spearheaded the initiation of infrastructure cost reduction/optimization across org which resulted in saving \$600K in savings per year, quarterly business review & developer trainings

Staff Software Engineer

April 2017 – June 2020

- Executed a strategic overhaul of application architecture by migrating to REST-based microservices, which facilitated a 70% increase in developer productivity through improved codebase manageability and reduced deployment complexity.
- Developed microservices with Postgres DB, Hibernate, JPA, and Liquibase. Implemented Kafka/Zookeeper messaging for efficient computation of margin results. Led UI development with AngularJS, Typescript, HTML & CSS.
- Ported solution to on-premise cloud with data migration.
- Created Cucumber tests for backend and UI to facilitate future contributions from QA and product managers.

Senior Software Engineer

April 2012 – March 2017

- Implemented SOAP-based web services using Apache CXF JAX-WS for fetching bundles/offers for UI Web Application.
- Improved performance by 50% with self-populating cache.
- Utilized configurable, multithreaded data retrieval and Spring Framework features.
- Automated CI/CD process with Jenkins, Git, and Groovy.
- Developed SOAP UI tests for code quality.
- Designed E-Commerce web app for Time Warner Cable, integrating Siebel CRM.
- Created Spring MVC/jQuery mashup app with Salesforce.com, including CPQ features and error handling framework.

Senior Software Engineer

September 2008 – April 2012

- Developed testing tool using Market Data Server APIs to compare data with backend database. Utilized Enterprise Data Management tools like Asset Control.
- Implemented loaders for global equities and futures data from vendors like IDC, Bloomberg, and Reuters.
- Generated historic and real-time analytics using high frequency algorithms.
- Employed JProfiler for performance analysis and Hudson, Maven, SVN for builds.
- Created test cases with JUnit and Fitnesse tests for comprehensive coverage.

Technical Expertise

Languages: Java, Python, PL/SQL, Unix, AngularJS, TypeScript, HTML, CSS, JavaScript, jQuery, JSP

Frameworks: Coral Service, Spring Boot/MVC, JSF (Rich Faces)/Seam, Apache CXF (JAX-WS)

Database/ORM Frameworks: Oracle, Postgres, Sybase, JPA, Hibernate, Liquibase

Cloud Ecosystem: AWS, Kubernetes, GitLab, Consul, NGNIX(Gateway)

AWS Technologies: Elastic Container Service, Lambda, Simple Queue Service, SNS, SES

Version Control/Build Tools: Git, SVN, CVS, Perforce, Jenkins, Maven, Gradle

Other Tools: Siebel CRM, Postman, JIRA, Rally, Bugzilla, Eclipse, Visual Studio Code, Tomcat, JBoss, WebLogic, JProfiler

Education

Master Of Science (Software Engineering)
2006– August 2008

August

Bachelor of Engineering (Information Technology)

April 2001– May 2005