Archana Sevak

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Summary

Tech Lead with 10 years of software engineering expertise driving scalable, full stack cloud solutions and microservices architectures. Demonstrated agility in leading high-performing teams, mentoring talent, and executing cross-functional projects that elevate performance and customer engagement. Adept at collaborating with multiple stakeholders to ensure timely delivery and continuous improvement in dynamic, fast-paced environments.

Skills

- **Programming Languages**: Python, GraphQL, Kotlin, Java, Shell script, Profobuf
- **Cloud Platform**: AWS ECS, S3, Lambda, RDS, Docker, Redis, Kubernates
- **Streaming Service**: Kafka, SNS, SQS
- **Database Management**: PostgreSQL, MySQL, SQL, ElasticSearch, AWS DynamoDB
- **Software Architecture & Full Stack**: Spring framework, Event driven microservices, Pub-sub, RPC services,
- **AI tools and tecnology**:Gemini, NotebookLM Plus, Github Co-pilot(integrated with MCP Servers) as DEV tools, IntelliJ Junie

Experience

CS Disco   **Mar 2022 - Present**
Senior Software Engineer

- Architected integration layer supporting 3+ Gen AI microservices (legal NLP extraction, deposition summarization, LLM job orchestration) using python OpenAPI sdk, GPT- 4 based.
- Leveraged AWS messaging infrastructure (MSK, SQS, SNS), enabling automated document analysis and transcript processing that scaled customer adoption from 50 to 200 cases across premier law firms.

- Engineered robust server-side solutions for case management and document review features, driving significant improvements in user engagement and system efficiency.
- Built comprehensive observability infrastructure with custom dashboards and automated alert systems, reducing mean time to detection (MTTD) by 60% and enabling proactive identification of performance bottlenecks across 25+ production microservice
- Strategically led the engineering vision for a document management platform, enhancing customer engagement by 300%, enhancing processing 10 GB to 50 GB of Gmail inboxes per session.
- Mentored and developed a team of two juniors, senior and staff, fostering a collaborative and high-performing environment while promoting scrum methodologies and full stack solutions delivery.

General Motors   **Jan 2015 - Mar 2022**
Software Engineer
Developed Spring Boot REST APIs with comprehensive unit, integration, and end-to-end tests for customer-facing e-commerce projects, including OnStar Insurance, Auto Wash dashboard app, and Auto Shuttle services.
- Led tech initiatives as a Tech Lead for the internal voting mobile app delivered on both Android and iPhone platforms, coordinating cross-team collaboration and agile project execution.
- Implemented Azure B2C identity solution to enhance security standards and provide robust guidelines across multiple enterprise applications.
- Enhanced and extended open-source UI components for Angular, contributing to improved user experience and system performance.

Education

Oakland University, Michigan   **2011 - 2014**
B.S., Computer Science

Certifications

- **Application Security Training Certificate**: through Kontra
- Received LinkedIn Top skills for Software Architect, Cloud architecture, Terraform, Kotlin
- TeamGM Award winner for multiple times for achieving high valued projects.

Achievements

- Developed Product feature: Legal Timeline & Case Chronology Software