

Sam Muthu

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SUMMARY

Senior Software Engineer and Architect with 25+ years in Java, JavaScript, and cloud-native technologies (AWS, GCP, Azure). Expert in AI-assisted development, prompt engineering, and building scalable microservices for both startups and enterprises.

HIGHLIGHTS

- - AI-assisted developer: Built Segment Loop Master (FastAPI + MongoDB + JavaScript)
- - Java/JavaScript Mastery: Built million-line vanilla JS web OS before Chrome OS
- - Cloud-Native: Architected solutions across AWS, GCP, and Microsoft Azure
- - Rule Engines: Invented and implemented multi-layer JavaScript rule systems (browser + Rhino backend)
- - Startup + Enterprise: From stealth-mode to Wells Fargo and HP-scale architecture

CORE SKILLS

Java | JavaScript | Spring Boot | Node.js | MongoDB | MySQL | AWS | GCP | Azure | FastAPI | CI/CD |
Prompt Engineering

RECENT ROLE

Principal Architect, Stealth Startup | 2023-Present

- Built Segment Loop Master: AI-assisted loop/playback system for audio/video.
- Full-stack developer using FastAPI, MongoDB, and modern agent-based workflows.