

# Sam Muthu

AI-Augmented Full-Stack Developer | sammuthu@me.com | sammuthu.dev | linkedin.com/in/sammuthu00

## Summary

Senior Software Engineer with 25+ years of experience across startups and enterprises, now focused on AI-assisted development, prompt engineering, and full-stack delivery using Java, JavaScript, Python, and cloud-native tools (AWS, GCP, Azure).

## Highlights

- Built Segment Loop Master: an AI-powered looping/tracking system (FastAPI + MongoDB + Claude Code)
- Modernized legacy monolith into microservices at Wells Fargo using Java, MongoDB, and REST APIs
- Architected early browser-based Web OS (1M+ lines of vanilla JS) years before Chrome OS
- Invented JavaScript rule engines with dynamic business rule evaluation from spreadsheets
- Integrated CI/CD, Hadoop, AWS services at HP for recommendation systems and APIs

## Current Roles

- Developer Advisor at Wells Fargo (2024-Present)  
Leading AI-influenced modernization of legacy enterprise systems.
- Chief Amazement Officer at sammuthu.com (2023-Present)  
Exploring AI-first engineering, Claude/Windsurf workflows, and open agent systems.

## Core Skills

Java | JavaScript | Spring Boot | Node.js | Python | MongoDB | MySQL | FastAPI | Prompt Engineering | RAG | GitHub Copilot | Claude Code | AWS | GCP | Azure | CI/CD