

Sivaraman Raja

Java Full Stack Developer



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PROFILE

Full Stack Developer(Java + Angular) with 7.10 years of experience delivering scalable, high-performance solutions in aviation, IoT, and e-commerce. Skilled in **Java 21, Spring Boot, AWS, Azure, and Gen AI integration**, with strong expertise in APIs, microservices, and distributed systems. Collaborative team player in agile, globally distributed environments, building enterprise-grade backend platforms for mission-critical applications.

SKILLS

Java 21 • Angular • Spring Boot • Microservices • SaaS • Gen AI • Spring JPA •
Hibernate • MySQL • PostgreSQL • MongoDB • AWS • Azure • RESTful APIs •
Linux • Docker • Kubernetes • Spring Security • SAFe Agile • Git

PROFESSIONAL EXPERIENCE

07/2022 – Present
Bengaluru, India

Amadeus Software Labs, Software Development Engineer 2 ✎

- Developed full-stack features using Angular and Java for Altéa Reservation, a web application used by global airlines for ticket reservation.
- Implemented key modules including PNR booking, ticketing workflows, and refund flows to support reservation and sales.
- **Mentored 3 interns** in developing a Gen AI-powered WhatsApp chat application for personalised traveler experiences.

05/2021 – 06/2022
Coimbatore, India

Cognizant Technology Solutions, Programmer Analyst ✎

- Designed and developed RESTful APIs leveraging BA workflow diagrams and Kibana log analysis, enhancing reliability and reducing errors by 40%.
- Built and optimised chatbot flows with Dialogflow CX and Spring Boot, enabling in-chat purchases via widgets and carousels, increasing engagement by 35% and conversions by 20%.

08/2018 – 05/2021
Coimbatore, India

Waggle (formerly Nimble Wireless Pvt Ltd), Software Engineer 

- Developed RESTful APIs using Spring Boot to facilitate reliable data exchange from IoT devices over TCP via Apache MINA. Integrated AWS SQS and S3 for asynchronous messaging and scalable cloud storage solutions.
- Optimized backend scalability by tuning Linux kernel parameters on AWS EC2 instances. Implemented secure OAuth-based authentication with third-party login modules (Google, Facebook) and integrated Amazon Alexa Skill Kit for voice-enabled access.

EDUCATION

08/2013 – 06/2017
Coimbatore, India

B.E Electrical and Electronics Engineering,

Nehru Institute of Engineering and Technology 

- Built an underground cable fault-detecting robot using sensor-based automation to locate faults and support efficient power system maintenance.

AWARDS

06/2025

ARD Ideation Champion – Winner, Amadeus Software Labs

- Designed and developed a full-stack cloud based solution to generate airline DB configurations, streamlining UAT/Prod issue troubleshooting and reducing developers time and effort by 85%.

CERTIFICATES

Microsoft: Azure AI

Fundamentals (AI-900) 

- Gained foundational knowledge of AI/ML via Microsoft's AI-900 certification, with skills in Azure services for vision, NLP, and conversational AI.

Microsoft: Azure

Fundamentals (AZ-900) 

- Validated core knowledge of cloud concepts, Azure architecture, and services. Skilled in Azure governance, security, and cost management fundamentals.

SAFe: SAFe® 6 Certified

Agile Practitioner 

- Proficient in Agile practices within SAFe, with experience in customer collaboration, value delivery, and team-level workflow optimization.

PROJECTS

Cloud Cuisine Microservices 

A Spring Boot microservices backend system for managing and delivering online restaurant data to end consumers. It provides scalable APIs for restaurant listings, menus, and orders, built with cloud-native architecture to ensure reliability and seamless integration.

LANGUAGES

English

German — A2