

SOORAJ RUDHRAN

Bengaluru, India · +91 79079 32725

soorajrudhran@gmail.com · [linkedin.com/in/soorajrudhran](https://www.linkedin.com/in/soorajrudhran) · soorajrudhran.com

Full Stack Engineer | Java, Spring Boot & React | Microservices | AWS & Kubernetes | Agentic AI

- Full-stack engineer with 5+ years of experience designing, developing, scaling, and supporting enterprise-grade applications, with strong expertise across backend engineering, frontend development, cloud-native platforms, automation, and production delivery.
- Backend depth in Java, Spring Boot, microservices, RESTful APIs, RabbitMQ, PostgreSQL, Elasticsearch, Python, Flask, and Django, building scalable, high-performance services and optimizing complex database-driven applications.
- Frontend engineering with React, Redux Toolkit, React Router, JavaScript, and TypeScript, delivering responsive, reusable, maintainable enterprise UIs and owning frontend-backend integration.
- Cloud-native delivery on AWS, Kubernetes, Docker, and Nginx, with monitoring via Prometheus and Sentry.
- Agentic AI pipelines and AI-enabled automation using LangGraph, Azure OpenAI, agent frameworks, and AWS frameworks, including a productionized AI-driven failure triage that cut manual analysis effort by 90% at approximately 99% accuracy.
- Technical ownership, Agile/Scrum delivery, mentorship, and cross-functional collaboration, including driving delivery practices that improved team velocity by 40%.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, C++

Backend: Spring Boot, Microservices, REST APIs, OpenFeign, RabbitMQ, Flask, Django

Frontend: React 17, Redux Toolkit, React Router

Databases & Search: PostgreSQL, Recursive CTEs, Complex Joins, Audit Patterns, Elasticsearch

Cloud & DevOps: AWS, Kubernetes, Docker, Nginx, Jenkins, Maven, Webpack

AI: LangGraph, Azure OpenAI, Agent Frameworks, AWS Frameworks, scikit-learn

Monitoring & Tooling: Prometheus, Sentry, Git, SonarQube, Swagger, JUnit, Mockito, pytest, Playwright

WORK EXPERIENCE

Cisco Systems

Aug 2021 - Present

Senior Software Engineer

Bengaluru, India

- Built and deployed an **Agentic AI failure-triage pipeline** using LangGraph, reducing analysis of 1,600+ regression tests from **4+ hours to under 10 minutes** with approximately 99% accuracy.
- Developed and enhanced the Cisco Open-Source License Analyser (COLA) using Python Flask, RabbitMQ, and scikit-learn, processing **1,000+ permits daily** with approximately 99% auto-approval and reducing manual legal review.
- Optimized the data lake query service through SQL tuning, caching, and backend refactoring, reducing response time from **8 seconds to under 1 second**.
- Designed an SPDX-based SBOM microservice using Java, PostgreSQL, and REST APIs, automating software supply-chain compliance across **50,000+ software releases**.
- Architected the Commercial Component Engine using React, REST APIs, and PostgreSQL, supporting **2,000+ users** and 25,000+ compliance transactions annually.
- Led the modernization of 25+ application pages from Cisco's legacy UI framework to the Harbor design system, developing reusable React components and 25+ Redux Toolkit slices.
- Contributed to a Spring Boot microservices platform deployed on Kubernetes, supporting software licensing, permit management, and compliance documentation across 30+ business units.
- Built a TypeScript automation framework (Playwright) with 300+ automated checks, integrated into the Jenkins CI/CD pipeline as a mandatory pre-deployment release gate.
- Served as Scrum Master, leading Agile ceremonies and delivery improvements that contributed to a **40% increase in team velocity** and faster release cycles.

Cisco Systems

Feb 2021 - Jul 2021

Software Engineer Intern

Bengaluru, India

- Supported feature development and testing for the TPSCRM platform; converted to a full-time Software Engineer role after completing the internship.

EDUCATION

BMS College of Engineering

Bengaluru, India

Bachelor of Engineering in Computer Science Engineering — CGPA 8.32/10

2021

CORE COMPETENCIES

Full Stack Development · Software Development Life Cycle (SDLC) · Application Development · System Design · Solution Design · Application Architecture · API Development · Microservices Architecture · Frontend Development · Backend Development · Database Design & Optimization · Cloud-Native Development · Performance Optimization · CI/CD & Release Management · Code Quality & Review · Agile/Scrum Delivery · Technical Leadership · Mentoring & Cross-Functional Collaboration

CERTIFICATIONS

Cisco GenAI Green Belt · Cisco GenAI Blue Belt