

# Raghu Raj Sodani

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## SUMMARY

Full-stack Software Engineer with 2.5 years expertise in Java, Spring Boot, and React JS developing financial products with direct impact on millions of consumers. Strong experience building RESTful APIs, microservices, and responsive user interfaces using modern frameworks. Proficient in distributed systems, NoSQL (MongoDB) and relational databases (MySQL, PostgreSQL), cloud environments, and Agile methodologies. Proven ability to build, run, and own systems from first line of code to production operations with scalability and performance optimization.

## TECHNICAL SKILLS

**Backend & Java:** Java (2.5+ yrs), Spring/SpringBoot, RESTful APIs, microservices architecture, business logic

**Frontend & React:** React JS (2.5+ yrs), JavaScript/TypeScript, HTML5, CSS3, responsive design, mobile-first

**Databases:** MySQL, PostgreSQL (relational), MongoDB (NoSQL), DynamoDB, query optimization

**Distributed Systems:** Microservices, distributed messaging, transactional services, scalability, 100K+ users

**DevOps & Cloud:** AWS (EC2, S3, Lambda, RDS), Docker, CI/CD pipelines, Jenkins, GitHub Actions, Agile

## EXPERIENCE

### Software Development Engineer

May 2024 – Present

Hyderabad, India

- Amazon
- Design, develop, and maintain RESTful APIs and microservices using Java Spring Boot serving 100K+ daily consumers as primary source of platform functionality; implement business logic, database interactions, and third-party integrations
  - Develop responsive and user-friendly interfaces using React with TypeScript ensuring cross-browser compatibility and mobile responsiveness; collaborate with UI/UX designers to implement seamless user experiences
  - Design and manage relational databases (PostgreSQL, MySQL) and NoSQL databases (DynamoDB, MongoDB), writing efficient queries and optimizing database performance for high-traffic applications
  - Own systems from first line of code to production: build RESTful APIs, run operations with global SRE team, debug and resolve application issues timely; optimize application performance ensuring scalability
  - Write unit, integration, and end-to-end tests ensuring code quality; collaborate with DevOps deploying applications in AWS cloud environments using CI/CD pipelines (Jenkins)
  - Work in Agile operating model, establishing trusted partnerships with product heads and stakeholders to research, pitch, and implement impactful projects

### Software Development Engineer

Nov 2023 – May 2024

Hyderabad, India

MAQ Software

- Developed full-stack applications using React JS for responsive frontends and RESTful web services for backend; achieved 30% performance improvement through optimization
- Implemented microservice-based architecture with relational database management (PostgreSQL), integrating with third-party services
- Wrote comprehensive unit and integration tests, participated in Agile ceremonies, and collaborated with cross-functional teams

### Software Development Engineer Intern

Jan 2023 – Jun 2023

Remote

Amazon

- Developed RESTful APIs using Java Spring Boot and React frontends; gained experience with microservices, distributed systems, and cloud deployment on AWS

## PROJECTS

### ISRO Safe Ship Navigation | React, Java, Spring, PostgreSQL, RESTful APIs

2022

- Built full-stack application with React frontend and Spring Boot backend RESTful APIs; implemented relational database design with PostgreSQL and optimized for performance and scalability

## EDUCATION

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### Indian Institute of Information Technology, Vadodara

*Bachelor of Technology in Computer Science & Engineering, CPI: 8.1/10*

Vadodara, India

Aug 2019 – May 2023

## TECHNICAL EXCELLENCE

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- **Ownership Culture** - Take full ownership from research to production: pitch projects, make technical decisions, run operations, deliver direct impact on millions of users
- **Strong Problem Solver** - Expert in algorithms and distributed systems with proven ability to optimize performance and ensure scalability
- **Published Research** - Optimization algorithms paper at IDAMS 2022, Springer, demonstrating technical depth and research mindset