

# Raghu Raj Sodani

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## SUMMARY

Full-stack Software Engineer with 2.5+ years building and maintaining high-performance applications serving 100K+ daily users. Proficient in JavaScript/TypeScript with React for interactive UIs and Python with Django for scalable REST APIs. Strong experience with PostgreSQL/MySQL, Git workflows, testing methodologies (Jest, pytest), and CI/CD pipelines. Team-oriented mindset with clear communication skills and structured problem-solving approach. Focus on writing clean, testable, production-grade code.

## TECHNICAL SKILLS

**Frontend:** JavaScript/TypeScript, React, Redux, HTML5, CSS3, performance optimization (memoization, lazy loading)  
**Backend & APIs:** Python (2.x/3.x), Django, FastAPI-ready, REST API design, WebSocket-ready, Java/Spring  
**Databases & ORMs:** PostgreSQL, MySQL, MongoDB, SQLAlchemy-ready, Django ORM  
**Testing & Quality:** Jest, pytest, Cypress-ready, Playwright-ready, test coverage focus, code quality  
**DevOps & Tools:** Git workflows, CI/CD (GitHub Actions, Jenkins), Docker, AWS cloud technologies

## EXPERIENCE

### Software Development Engineer

Amazon

May 2024 – Present

Hyderabad, India

- Build and maintain full-stack applications serving 100K+ daily users using React with TypeScript for interactive, high-performance UIs and Spring backend with REST APIs
- Design scalable REST services and GraphQL APIs with focus on performance optimization, implementing frontend best practices including memoization and lazy loading for data-intensive interfaces
- Write clean, testable code across the stack with comprehensive test coverage using Jest for frontend and JUnit for backend, integrated into CI/CD pipelines (Jenkins, GitHub Actions) to ship features quickly and reliably
- Debug and resolve production issues with focus on root-cause analysis and long-term stability, working within agile team to deliver secure, stable software
- Collaborate closely with engineers, product managers, and stakeholders to gather requirements and deliver working solutions, thriving in fast-paced environment with high ownership and rapid iteration

### Software Development Engineer

MAQ Software

Nov 2023 – May 2024

Hyderabad, India

- Developed full-stack application using React with TypeScript for frontend and REST APIs for backend, optimizing UI performance through efficient rendering and frontend optimization techniques
- Achieved 30% performance improvement through database query optimization with PostgreSQL and frontend optimization best practices, demonstrating structured problem-solving approach
- Worked with Git workflows and testing methodologies, delivering production-grade code with high quality standards

### Software Development Engineer Intern

Amazon

Jan 2023 – Jun 2023

Remote

- Developed full-stack features using React frontend and Spring backend with REST APIs, focusing on clean code and testing
- Worked in collaborative team environment with strong Git workflows and CI/CD practices

## PROJECTS

### ISRO Safe Ship Navigation | React, TypeScript, Python, Django REST API, PostgreSQL

2022

- Built full-stack application with React/TypeScript frontend and Python Django backend designing REST APIs and PostgreSQL database, implementing performance optimization for real-time data processing

## EDUCATION

### 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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- **Strong Problem-Solving** - Expert analytical and problem-solving abilities with structured approach to complex technical challenges
- **Published Research** - Optimization algorithms paper at IDAMS 2022, Springer, demonstrating research mindset and technical depth
- **Continuous Learning** - Fast learner with commitment to clean, maintainable code and staying current with industry best practices