

Raghu Raj Sodani

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SUMMARY

Software Engineer with 2.5+ years developing high-quality, secure, scalable software solutions serving 100K+ daily users. Strong knowledge of Software Engineering concepts and methodologies with good exposure to object-oriented programming (Java, Python), SQL, Git, REST APIs, unit testing, and documentation. Experienced partnering with Data Science and Product teams to identify business opportunities and deliver solutions. Skilled at explaining technical problems clearly and working in geographically distributed project teams. Eager to learn new technologies including Golang.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript/TypeScript, C++, SQL (strong OOP background)
Backend & APIs: Java Spring/SpringBoot, Python Django, REST APIs, GraphQL, microservices, secure coding
Databases & SQL: PostgreSQL, MySQL, MongoDB, DynamoDB, SQL query optimization
Testing & Documentation: JUnit, Jest, pytest-ready, unit testing, comprehensive documentation practices
DevOps & Tools: Git (expert), CI/CD pipelines, Jenkins, GitHub Actions, AWS cloud, Docker

EXPERIENCE

Software Development Engineer

May 2024 – Present

Hyderabad, India

- Develop high-quality, secure, scalable software solutions based on technical requirements, serving 100K+ daily users with emphasis on code quality, security, and maintainability following MasterCard-equivalent standards and best practices
- Partner with Data Science and Product teams to identify business opportunities, solve problems, and deliver solutions, working in geographically distributed team across multiple time zones and collaborating on data-driven product decisions
- Program, test, document, and maintain applications using Java (Spring), Python, and JavaScript/TypeScript with adherence to software engineering best practices; contribute ideas and actively look for opportunities to enhance team standards and improve efficiency
- Participate in on-call pager support rotation of live services supporting 100K+ users, handling production incidents, troubleshooting issues, and ensuring system reliability and uptime
- Work extensively with REST APIs, SQL databases (PostgreSQL), and unit testing frameworks (JUnit, Jest) to deliver robust, well-tested solutions with comprehensive documentation

Software Development Engineer

Nov 2023 – May 2024

Hyderabad, India

MAQ Software

- Developed scalable software solutions using object-oriented programming with focus on software optimization, achieving 30% performance improvement through systematic analysis and problem-solving
- Collaborated with cross-functional teams to deliver solutions based on business requirements, demonstrating strong communication skills and ability to explain technical problems succinctly
- Implemented unit testing and documentation practices ensuring code quality and maintainability

Software Development Engineer Intern

Jan 2023 – Jun 2023

Remote

Amazon

- Developed software solutions using Java Spring and REST APIs with focus on testing and documentation
- Worked as member of distributed project team, gaining experience with Git workflows and software engineering methodologies

PROJECTS

ISRO Safe Ship Navigation | Python, Django REST API, PostgreSQL, Data Analytics

2022

- Developed secure, scalable backend solution with REST APIs and SQL database, implementing data analytics features for real-time decision making with focus on software optimization and problem-solving

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

- **Problem-Solving Excellence** - Strong analytical abilities with intellectual curiosity, always looking for potential solutions to solve complex technical problems
- **Fast Learner** - Proven track record of quickly mastering new technologies, languages, and frameworks (Java, Python, TypeScript, AWS services, GraphQL); eager to learn GoLang
- **Published Research** - Optimization algorithms paper at IDAMS 2022, Springer, demonstrating research mindset and passion for software optimization