

Raghu Raj Sodani

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SUMMARY

Software Engineer with 2.5+ years delivering high-quality, scalable software products serving 100K+ users. Proficient in Python, Java, and React with strong knowledge of data structures, algorithms, and object-oriented design patterns. Experienced in automated testing frameworks (JUnit), CI/CD pipelines, and performance optimization. Track record of owning features from design through delivery with emphasis on clean architecture, reliability, and production readiness.

TECHNICAL SKILLS

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

Frontend Frameworks: React, Redux, HTML5, CSS3, modern UI development

Backend & OOP: Java, Spring/SpringBoot, Python, Django, REST APIs, GraphQL, design patterns

Testing & Quality: JUnit, Selenium, Jest, automated testing, CI/CD pipelines, Jenkins, GitHub Actions

Cloud & Tools: AWS (Lambda, S3, RDS, DynamoDB), Docker, Git, Unix/Linux, IDEs, debuggers, profilers

EXPERIENCE

Software Development Engineer

Amazon

May 2024 – Present

Hyderabad, India

- Design and develop scalable, maintainable, reusable software components serving 100K+ daily users with strong emphasis on performance, reliability, and production readiness
- Collaborate with product managers to translate requirements into well-architected solutions, owning features from design through delivery and ensuring intuitive user experiences using React and modern frameworks
- Integrate automated testing into development workflows using JUnit and CI/CD pipelines (Jenkins), ensuring consistent quality across releases through comprehensive test strategies covering functional, regression, and integration aspects
- Participate in design and code reviews ensuring best practices in performance, maintainability, testability, and clean architecture; foster culture of continuous learning and knowledge-sharing across team
- Troubleshoot complex distributed systems and optimize performance across full stack, leveraging strong knowledge of data structures, algorithms, and object-oriented design patterns

Software Development Engineer

MAQ Software

Nov 2023 – May 2024

Hyderabad, India

- Contributed to design and implementation of new features while enhancing existing product capabilities, delivering high-quality maintainable code with focus on software quality principles
- Achieved 30% performance optimization through algorithmic improvements and design pattern implementation, demonstrating strong understanding of performance tuning and system optimization
- Developed comprehensive test strategies and integrated automated testing frameworks into CI/CD pipelines, promoting culture of engineering craftsmanship and quality practices

Software Development Engineer Intern

Amazon

Jan 2023 – Jun 2023

Remote

- Built scalable software components using Java Spring and React, developing automated tests and participating in code reviews
- Worked with modern development tools including IDEs, debuggers, source control (Git), and Unix-based systems

PROJECTS

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

2022

- Designed and implemented scalable navigation system with focus on performance optimization, implementing complex algorithms optimized for efficiency and reliability

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

- **Strong Algorithms Foundation** - Codechef 5 star rating demonstrating expert knowledge of data structures, algorithms, and complex problem-solving abilities
- **Published Research** - Optimization algorithms paper at IDAMS 2022, Springer Lecture Notes, showcasing research and innovation mindset
- **Continuous Learning** - INMO 2019 Scholar, strong mathematical and analytical foundation supporting software engineering excellence