

# Raghu Raj Sodani

+91-9928486320 | [sodaniraghuraj@gmail.com](mailto:sodaniraghuraj@gmail.com) | [linkedin.com/in/raghu-raj-sodani](https://www.linkedin.com/in/raghu-raj-sodani) | [github.com/raghusodani](https://github.com/raghusodani)

## SUMMARY

Passionate backend developer with 2.5+ years from product-based companies (Amazon) building scalable cloud applications serving 100K+ users. Strong foundation in Node.js, JavaScript, and modern backend technologies. Exceptional problem-solving skills (Codechef 5 star) with expertise in data structures, algorithms, and software design. Experienced with MongoDB, AWS, CI/CD pipelines, and Docker. Fast learner with ownership mindset and genuine interest in cloud technologies.

## TECHNICAL SKILLS

**Backend Languages:** JavaScript, Node.js, TypeScript, Python, Java, SQL

**Backend Frameworks:** Node.js, Express, Spring/SpringBoot, REST APIs, GraphQL

**Databases:** MongoDB, PostgreSQL, MySQL, DynamoDB

**Cloud & DevOps:** Amazon AWS (Lambda, S3, RDS, DynamoDB), Docker, Jenkins, CI/CD, GitHub Actions

**Core Strengths:** Data Structures, Algorithms, Software Design, Problem Solving, Integration APIs

## EXPERIENCE

### Software Development Engineer

May 2024 – Present

*Amazon (Product-Based)*

*Hyderabad, India*

- Designed and developed backend features for cloud integration platform using Node.js and GraphQL APIs, integrating with AWS services (Lambda, DynamoDB) to serve 100K+ daily users with high reliability and performance
- Built scalable data integration pipeline from DynamoDB to Data Lake using modern technologies, implementing efficient algorithms for data transformation and ensuring seamless data flow across distributed systems
- Collaborated closely with DevOps to ensure smooth deployment through CI/CD pipelines using Jenkins, achieving high system reliability and optimized performance of backend services
- Demonstrated exceptional problem-solving by architecting simple, scalable solutions for complex integration challenges; took strong ownership from design to production deployment

### Software Development Engineer

Nov 2023 – May 2024

*MAQ Software (Product-Based)*

*Hyderabad, India*

- Led development of scalable backend platform with focus on performance optimization, achieving 30% improvement through efficient algorithms and database query optimization with MongoDB and SQL
- Worked in fast-paced environment with strong ownership mindset, proactively identifying issues and implementing solutions; demonstrated fast learning ability adapting to new technologies

### Software Development Engineer Intern

Jan 2023 – Jun 2023

*Amazon (Product-Based)*

*Remote*

- Developed backend APIs using Node.js and GraphQL for cloud application integrations, implementing RESTful services and working with AWS infrastructure
- Built features with focus on scalability and performance, collaborating with teams in agile environment and delivering results continuously

## PROJECTS

### ISRO Safe Ship Navigation | Node.js, Python, Django, PostgreSQL, REST APIs

2022

- Built cloud-based navigation system with backend REST APIs, implementing complex algorithms for route optimization and data processing with PostgreSQL database design

## EDUCATION

### Indian Institute of Information Technology, Vadodara

Vadodara, India

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

*Aug 2019 – May 2023*

## PROBLEM SOLVING & TECHNICAL EXCELLENCE

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- **Codechef 5 Star** (Rating: 2040) - Top 0.5% globally, exceptional problem-solving skills with expert-level data structures and algorithms knowledge
- **INMO 2019 Scholar** - Indian National Mathematics Olympiad, strong foundation in CS fundamentals and complex problem-solving
- **Published Research** - Optimization algorithms paper at IDAMS 2022, Springer, demonstrating interest in continuous improvement and innovation