

# Raghu Raj Sodani

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## SUMMARY

Full-stack Software Development Engineer with 2.5+ years building scalable applications that drive user growth, retention, and engagement for 100K+ daily users. Strong hands-on experience with JavaScript/TypeScript, ReactJS, and NodeJS. Proven ability to own end-to-end delivery from design through deployment and monitoring. Exceptional problem-solving skills (Codechef 5 star) with startup mindset—fast learner, adaptable, and thrives in experiment-driven environments.

## TECHNICAL SKILLS

**Frontend:** JavaScript, TypeScript, ReactJS, Redux, HTML5, CSS3, responsive design

**Backend:** NodeJS, Express, JavaScript/TypeScript, Spring/SpringBoot, Java, Python

**APIs & Architecture:** REST APIs, GraphQL, API design, system architecture, microservices

**Databases:** PostgreSQL (SQL), MongoDB (NoSQL), MySQL, DynamoDB

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

## EXPERIENCE

### Software Development Engineer

May 2024 – Present

*Amazon*

*Hyderabad, India*

- Designed, developed, and maintained full-stack customer service system using ReactJS with TypeScript frontend and NodeJS/Spring backend with GraphQL APIs, driving user engagement and retention for 100K+ daily users globally
- Built and iterated on user-facing features to optimize conversion and engagement, taking ownership of end-to-end delivery from requirements gathering through implementation, testing, deployment, and monitoring
- Architected scalable data integration systems ensuring performance and quality for millions of users, collaborating with product managers, designers, and data engineers to deliver data-informed growth initiatives
- Led cross-functional technical initiatives including JDK17 migration across 28 packages, contributing to engineering best practices through code reviews, testing strategies, and automation

### Software Development Engineer

Nov 2023 – May 2024

*MAQ Software*

*Hyderabad, India*

- Owned end-to-end delivery of enterprise application migration from AngularJS to ReactJS with TypeScript, modernizing frontend architecture to improve user experience and developer velocity
- Optimized application performance by 30% through efficient algorithms and database optimization, directly impacting user retention and engagement metrics in fast-paced environment
- Built rapid prototypes and proofs-of-concept for feature experimentation, collaborating with cross-functional stakeholders using strong communication skills

### Software Development Engineer Intern

Jan 2023 – Jun 2023

*Amazon*

*Remote*

- Developed full-stack features using ReactJS frontend and NodeJS/GraphQL backend, building scalable systems for user-facing applications
- Implemented features with focus on performance, scalability, and quality, working in experiment-driven environment

## PROJECTS

### ISRO Safe Ship Navigation | *ReactJS, TypeScript, NodeJS, Python, PostgreSQL*

2022

- Built full-stack navigation application with ReactJS/TypeScript frontend and NodeJS backend with REST APIs, implementing complex algorithms for route optimization serving maritime users

## 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 & STARTUP MINDSET

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- **Codechef 5 Star** (Rating: 2040) - Top 0.5% globally, exceptional problem-solving with ability to take ownership and deliver in ambiguous situations
- **INMO 2019 Scholar** - Indian National Mathematics Olympiad, strong analytical and problem-solving foundation
- **Published Research** - Optimization algorithms paper at IDAMS 2022, Springer, demonstrating high willingness to learn and adapt