

# Raghu Raj Sodani

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## SUMMARY

Software Developer with 2+ years expertise in TypeScript, Python, and React for full-stack development. Strong knowledge of algorithms, data structures, and software analytics. Proven experience with AWS, database design (MongoDB, PostgreSQL, MySQL), and CI/CD pipelines using Git and Jenkins serving 100K+ users.

## TECHNICAL SKILLS

**Languages:** TypeScript, Python, JavaScript, Java, HTML, CSS, SQL  
**Frameworks:** React, Redux, Node.js, Express, FastAPI, Django, Jest (unit testing)  
**Cloud & DevOps:** AWS (Lambda, RDS, S3, API Gateway), Git, Jenkins, CI/CD pipelines  
**Databases:** MongoDB (NoSQL), PostgreSQL, MySQL (RDBMS), DynamoDB

## EXPERIENCE

### Software Development Engineer

May 2024 – Present

*Amazon - Identity Services / CS Stores Fixed Corporate*

*Remote*

- Designed, developed, and maintained full-stack applications using React with TypeScript frontend and backend APIs, ensuring seamless integration and functionality for 100K+ daily users
- Implemented and optimized algorithms and data structures to enhance application performance and reliability
- Utilized analytical skills to solve complex technical problems and collaborated with cross-functional teams to deliver high-quality software solutions
- Built CI/CD pipelines using Git and Jenkins-equivalent tools, implementing unit testing with Jest to ensure software reliability
- Worked with AWS services and maintained database design using PostgreSQL and DynamoDB following best practices

### Software Development Engineer

Nov 2023 – May 2024

*MAQ Software*

*Hyderabad, India*

- Led full-stack development migrating enterprise application to React with TypeScript, implementing modern development processes and best practices
- Optimized application performance by 30% through efficient algorithms and data structure implementation
- Maintained full-stack application with unit testing and database management (SQL), ensuring high software reliability

### Software Development Engineer Intern

Jan 2023 – Jun 2023

*Amazon - CS Stores Fixed Corporate*

*Remote*

- Developed full-stack features using React with TypeScript and backend APIs, implementing unit testing
- Collaborated with teams using Git for version control and stayed updated with modern technologies

## PROJECTS

### ISRO Safe Ship Nav | *React, TypeScript, Python, Django (FastAPI-like), PostgreSQL*

2022

- Built full-stack application using React with TypeScript frontend and Python Django backend with REST APIs, implementing PostgreSQL database design and optimization algorithms for maritime navigation

## EDUCATION

### Indian Institute of Information Technology, Vadodara

Vadodara, India

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

*Aug 2019 – May 2023*

## ACHIEVEMENTS

- INMO 2019 Scholar** - National Mathematics Olympiad, strong algorithms and data structures knowledge
- Published Research** - Optimization algorithms paper, IDAMS 2022, Springer
- Codechef 5 Star** - Rating 2040, demonstrates expertise in algorithms and analytical problem-solving