

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