

Raghu Raj Sodani

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

SUMMARY

Software Development Engineer with 2+ years in backend systems and database technologies. Designed data pipelines serving 100K+ users at Amazon. Expert in SQL, Spring, and query optimization (30% performance improvement).

TECHNICAL SKILLS

Languages: C++, Java, Python, SQL

Frameworks: Spring/SpringBoot, JUnit, Mockito, Django REST Framework

Cloud & Tools: AWS (DynamoDB, S3, Lambda, RDS), Git, Linux, CI/CD

Databases & APIs: SQL, PostgreSQL, MongoDB, DynamoDB, GraphQL, RESTful APIs

EXPERIENCE

Software Development Engineer

May 2024 – Present

Amazon - Identity Services / CS Stores Fixed Corporate

Remote

- Architected data pipeline from DynamoDB to Amazon Data Lake with transformation and validation layers, ensuring data integrity for 100K+ daily users across distributed systems
- Designed Spring backend services with GraphQL API layer, implementing complex schemas and query optimization for 10K+ global customers with low-latency retrieval
- Led JDK17 migration across 28 packages, debugging compatibility issues and ensuring best practices

Software Development Engineer

Nov 2023 – May 2024

MAQ Software

Hyderabad, India

- Engineered backend migration from .NET Framework to .NET 7, redesigning data access layers with robust error handling for enterprise reporting system
- Optimized database query performance by 30% through indexing strategies and efficient data loading for large-scale processing

Software Development Engineer Intern

Jan 2023 – Jun 2023

Amazon - CS Stores Fixed Corporate

Remote

- Developed Spring RESTful APIs and GraphQL resolvers with efficient data layer integration, reducing backend latency
- Built scalable backend services for file uploads with robust validation and error handling

PROJECTS

ISRO Safe Ship Nav | Python, Django REST API, PostgreSQL

2022

- Implemented graph-based pathfinding algorithms with advanced data structures for geo-spatial datasets

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** - Indian National Mathematics Olympiad
- **Published Research** - Optimization Ontology paper accepted at IDAMS 2022, Springer
- **Codechef 5 Star** - Maximum rating 2040, strong algorithmic problem-solving