

SURYAKANTH GUNNAM

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SUMMARY

Results-driven Software Developer specializing in backend development and scalable systems. Expertise in designing high-performance APIs, optimizing databases, and deploying cloud-based solutions using Node.js, Django, AWS, and Web Based Frameworks.

SKILLS

Programming Languages: JavaScript, Python

Web Technologies: RESTful APIs, HTML, CSS Node.js., React, Django

Tools: Docker, GIT, Grafana, Ansible

Databases: MongoDB, Redis, SQL

Cloud Platforms: AWS

WORK EXPERIENCE

Jio Platforms Limited, Hyderabad, India

2022- 2023

Software Developer

- **Engineered** and **optimized** scalable backend systems for JioMeet using Node.js and JavaScript, **enhancing performance for 1M+ concurrent users** and **reducing response times by 35%**.
- **Integrated** RESTful APIs to **handle 1M+ daily requests**, ensuring **seamless communication** between applications and web services.
- **Deployed** secure systems by **implementing RBAC and AES-256 encryption**, **reducing unauthorized access by 30%**.
- **Conducted** backend performance tuning, **reducing server response times from 300ms to 180ms**, resulting in **40% faster transactions**.
- **Migrated 1TB+ application data** to MongoDB, **reducing query load times by 25%** and improving data retrieval performance.

PROJECTS

Inventory Management System Dashboard

- Built a **scalable full-stack inventory system** using **Next.js, Redux Toolkit**, and **Node.js**, improving inventory synchronization by **30%**.
- Deployed backend on **AWS EC2** with **RDS**, achieving high availability and reducing operational costs by **20%**.
- Implemented robust **CI/CD pipelines** with **Docker**, ensuring efficient updates and zero downtime.

E-Commerce Platform with Advanced User Analytics

- Designed a high-performance e-commerce backend using **Django Rest Framework**, supporting **active users**.
- Enhanced customer engagement with advanced search functionality via **Elasticsearch**, improving user retention by **25%**.
- Integrated secure payment processing ensuring compliance and boosting sales transactions.

CERTIFICATIONS

- Aws Certified Developer – Associate (DVA-C02)

EDUCATION

Youngstown State University, Youngstown, Ohio

[2023-2025]

Master's in computing and information systems

GPA – 3.6/4.0

Relevant Coursework: Data Science and Machine learning, Blockchain, Server-Side Development, Big Data

Indian Institute of Information Technology, Guwahati, India

[2018-2022]

Bachelor's in electronic and communication engineering

GPA – 3.0/4.0

Relevant Coursework: Data Structures and Algorithms, Internet of Things, Software Engineering