

S Hemanth Srinivas

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PORTFOLIO | LEETCODE | LINKEDIN | GITHUB

EDUCATION

RAGHU ENGINEERING COLLEGE

B.TECH COMPUTER SCIENCE IN ML

CGPA: 8.67

May 2021 - Present

Visakhapatnam, AP

EXPERIENCE

PODIUM PE | SDE INTERN

Remote | Jan/2024 – Jun/2024

Developed **scalable** APIs in **Golang** using GoFiber for **ScyllaDB** and **PostgreSQL**, improving data processing efficiency by 25%.

Optimized **bulk data insertion** with CQL batching for ScyllaDB, **reducing insertion time by 40%**.

Integrated **OpenTelemetry** for tracing in Go, enhancing system **observability by 35%** with the **Signoz** Open Source Library.

Applied **SOLID principles** for clean architecture in Go, reducing code **complexity by 20%**, and deployed with **Docker** for consistent environments.

IITTNIIF - IIT TIRUPATI | PROJECT INTERN

Tirupati, India | May 2024 – July 2024

Launched the **Spatial Lens app**, enabling the collection of geo-spatial data for over **10000+** low-income businesses across India.

Architected a high-performance **backend** in **Golang** and **PostgreSQL**, achieving **30% faster data retrieval**, and utilized **AWS EC2, S3** to ensure **99.9%** uptime.

Streamlined development with clean architecture and implemented **CI/CD** pipelines, reducing **deployment time by 40%** using Docker.

SKILLS

PROGRAMMING LANGUAGES

LIBRARIES/FRAMEWORKS

TOOLS / PLATFORMS

DATABASES

Golang, C++, Java, Dart, Java script

Flutter, Next.js, GoFiber, Firebase

Docker, Git, Figma, AWS

PostgreSQL, CassandraDB, Redis

PROJECTS / OPEN-SOURCE

CLASSROOM AI AUTOMATION SYSTEM | [LINK](#)

Flutter, Python, FAST API, Next.js, Ngrok

Developed an application that simplifies attendance tracking by capturing a 10-sec video of the entire classroom.

Features include real-time face recognition using Retina Face for generating face encodings, transcription of lectures to pdfs, and face scanning to retrieve student records

HONORS & AWARDS

- Won Hacker Overflow 2.0 - (National Level Hackathon)
- Flutter Lead - Google Student Developers Club