S Hemanth Srinivas

in Linked in | shemanth.kgp@gmail.com | +91 7997435603 | Visakhapatnam, AP

A proactive and dedicated software engineer with broad skills in mobile and backend development. Proficient in Flutter, Golang, and PostgreSQL, with experience building scalable solutions and automating business processes. Skilled in problem-solving, maintaining high development standards, and resolving technical issues to improve workflows. A strong collaborator, capable of translating business needs into efficient solutions, with a passion for optimizing systems for impactful results.

EDUCATION

RAGHU ENGINEERING COLLEGE
BTech Computer Science in ML
May 2025 | Visakhapatnam, AP
Cum GPA: 8.77 / 10.0

SKILLS

Languages
C++ • Go • Java • Python • SQL
Frameworks
Flutter • Next.js • GoFiber • Flask
Databases
PostgreSQL • CassandraDB
Tools
Docker • AWS • Kafka • Git • Figma

LINKS

Portfolio : //**Link**
Github ://**Hemanth5603**
Leetcode://**Hemanth5603**
GeeksforGeeks:// **shemanthkgp**

COURSEWORK

Machine Learning
Data Structures and Algorithms
Operating System
Object Oriented Programming
DBMS
Deep Learning
Computer Networks

ACHIEVEMENTS

• **2024 Winner (1st/54)** — SuSHacks (Regional Hackathon)
• **2024 Top 5/64** — Hackover Flow 2.0 (National Hackathon)
• **2023 Flutter Lead** — Google Developer Student Clubs
• **2023 Winner** — HacktoberFest (Open Source Event)
• **2023 1st/50** — Intra-College Competitive Programming Contest
• **2022 Best Business Idea** — Andhra Pradesh Start-up Competition

PROFESSIONAL EXPERIENCE

IITTNIF | PROJECT INTERN | 🔗
May 2024 - July | Onsite | IIT Tirupati, Andhra Pradesh

- Launched the **Spatial Lens** app, enabling the collection of geo-spatial data for over **10000+** low-income businesses across **India.**
- Engineered the app using **Flutter** and integrated Google Maps API, improving **location accuracy by 25%** for real-time data visualization.
- 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**

PODIUM PE | SDE INTERN | 🔗
Jan 2024 - May | Remote | Bhopal, Madhya Pradesh

- **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.
- Designed **Flutter widgets** and components, boosting user **experience by 30%** and increasing app engagement.
- Applied **SOLID principles** for clean architecture in **Go**, reducing code **complexity by 20%,** and deployed with **Docker** for consistent environments.

PROJECTS

CLASSROOM AI AUTOMATION SYSTEM | 🔧 Link

• 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.

Tech Stack: • Flutter • Python • Fast API • Next.js • Ngrok

ANEWMEAT | 🔧 Link

• Anewmeat is a **meat delivery** application that facilitates **ordering product**s from a centralized inventory store.

• It features **real-time order tracking** using **Google maps**, offers **coupon discounts**, and integrates **Razorpay** for secure payments.

Tech Stack: • Flutter • Node.js • Express.js • MongoDB • Maps API • Razorpay