Rohith Mariyala

+91 9502409219 | mariyalarohith29@gmail.com | linkedin.com/in/mariyala-rohith | github.com/mrohith29

SUMMARY

Computer Science and Engineering student with experience in **software development**, specializing in **AI-powered and full-stack** applications. Proficient in Python, JavaScript, FastAPI, and React, with strong **DevOps and cloud deployment** skills. Skilled at building secure, scalable solutions with real-world impact. Passionate about solving complex problems, working in agile teams, and delivering data-driven, user-focused products.

EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology　　　　　　　Hyderabad, IN
Bachelor of Computer Science and Engineering - 8.99 CGPA　　　　　　　　　*Nov. 2022 – Present*

Sri Sanjeevni Junior College　　　　　　　　　　　　　　　　　　　　　Hyderabad, IN
Math, Physics, Chemistry - 94% score　　　　　　　　　　　　　　　　　　*Jun. 2020 – Jul 2022*

EXPERIENCE

Software Developer Intern　　　　　　　　　　　　　　　　　　　　　Mar 2024 – Dec 2024
Orchestration Syndicate　　　　　　　　　　　　　　　　　　　　　　　*TX, USA (Remote)*
- Contributed to the development of the company's core product framework and led the build of its flagship demo product, **Climb**, using a custom in-house tech stack.
- Co-designed and engineered an AI product leveraging **Apple ML-4M**, building a scalable machine learning pipeline capable of real-time data processing.
- Improved system security and performance by integrating **OIDC**-based authentication and optimizing feature classes, resulting in a reduction in login latency.

PROJECTS

PolicyChat AI – *Python, FastAPI, React, PostgreSQL, Docker, GCloud, AWS, MCP*
Working Demo | *View in GitHub*
- Developed a secure, AI-powered chatbot leveraging **Google's Gemini API** to extract insights and answer queries from complex documents (PDF, DOCX, PPTX).
- Integrated advanced **natural language understanding** to deliver accurate, context-aware responses for legal and policy content.
- Implemented **Supabase authentication** for user session tracking, enabling personalized, **multi-session** experiences with persistent chat histories.

Focus Center – *Python, FastAPI, React, PostgreSQL, Google-genai, Streamlit*
View in GitHub
- Building a real-time **Agentic AI** powered productivity and focus tracker to help individuals and teams monitor task flow, eliminate distractions, and stay aligned with goals.
- Designed a **modular backend** with **AI-Agent Orchestration**, and **component-driven React frontend** respectively, featuring real-time updates, timer-based task blocks, and performance insights.
- Focused on clean design and performance to **simulate a real SaaS** production environment, laying the groundwork for future deployment and monetization.

CERTIFICATIONS

Cisco Certified Network Associate (CCNA): ITN | SRWE | ENSA
AWS Cloud Virtual Internship: Cloud Foundations | Cloud Architecture

TECHNICAL SKILLS

Languages: Python, Java, C, SQL (Postgres), JavaScript, HTML/CSS
Frameworks & Libraries: React, Flask, FastAPI, Agent Development Kit, LangChain, Astro
Developer Tools: Git, Docker, AWS(Registrar, Route 53), Google Cloud Platform, Supabase, CLI, CI/CD, MCP
Concepts: Object Oriented Programming, Agile, Machine Learning, Data Structures and Algorithms, RESTful API
Languages Spoken: English, Telugu, Hindi