

Rohith Mariyala

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SUMMARY

Computer Science and Engineering student with 8+ months of hands-on experience in software development, focusing on AI-powered applications and full-stack systems. Proficient in Python, JavaScript, and modern frameworks like FastAPI and React, with a solid grasp of DevOps practices and cloud deployment. Known for building secure, scalable products with real-world impact. Passionate about solving complex problems, collaborating in agile teams, and continuously learning to deliver reliable, data-driven solutions that align with user needs and business goals.

EDUCATION

B-Tech. in Computer Science and Engineering

Nov 2022 - Pursuing

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India

- 8.96 Aggregate CGPA

Intermediate Education

Jun 2020 - July 2022

Sri Sanjeevni Junior College, Hyderabad, India

- 94% score

TECHNICAL SKILLS

- Languages:** Python, Java, C, PostgreSQL, JavaScript,
- Frameworks & Libraries:** React, FastAPI, Flask, Astro, Bootstrap, TensorFlow, Transformers, Scikit-learn
- Tools & DevOps:** Git, Docker, AWS (Registrar, Route 53), CI/CD, CLI, Supabase
- Concepts:** Object Oriented Programming, Agile, Machine Learning, Data Structures and Algorithms, Restful API
- Languages Spoken:** English, Telugu, Hindi

INTERNSHIP EXPERIENCE

Software Developer Intern - Orchestration Syndicate (Remote)

Mar 2024 - Dec 2024

- 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.
- Played a key role in delivering \$10,000+ in individual revenue, demonstrating **technical ownership** and **product impact**.

PROJECTS

PolicyChat AI (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**.
- Delivered a **responsive frontend** using React (Vite) to ensure smooth, device-friendly interactions and seamless file uploads.

FocusCenter (View in GitHub)

- Building a real-time productivity and focus tracker to help individuals and teams monitor task flow, eliminate distractions, and stay aligned with goals.
- Designed a **modular, component-driven frontend** with **React (Vite)** and **TailwindCSS**, featuring real-time updates, timer-based task blocks, and user feedback insights.
- Focused on clean design and performance to **simulate a real SaaS** production environment, laying the groundwork for future deployment and monetization.

Certifications

CCNA : 1 | 2 | 3 - Cisco

AWS Virtual Internship : Cloud Foundations - AWS

NPTEL : Data Analytics in Python - IIT Madras