

Rohith Mariyala

Software Developer | AIML Enthusiast

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Summary

Before starting my B-Tech, my tech knowledge was mostly limited to exploring phone features, playing computer games, and keeping myself entertained. College changed that by exposing me to programming, software development, and open-source projects. I started building projects and solving software problems through coding, which made me realize the importance of technology in shaping the future. Now, I'm exploring the fields of Machine Learning and Artificial Intelligence. I'm focusing on understanding the basic concepts and practical implementations as I work to build a solid foundation in these areas.

Experience

Software Developer

3/2024 - Present

Intern – Orchestration Syndicate
Texas, United States, Remote

Open-Source Contributor

12/2022 - Present

Full Time, Hyderabad, India, Remote

Education

Bachelors in Computer Science and Engineering

11/2022 - Present

2nd year – 9.03 Aggregate CGPA

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India

Higher Secondary Education

6/2020 - 7/2022

Maths-Physics-Chemistry

Passed out with 94.0%

Sri Sanjeevni Jr College, RTC Cross Roads, Hyderabad, India

Secondary Education

6/2017 – 4/2020

Shantiniketan Vidyalaya, shamirpet, Hyderabad, India

Board: CBSE

10th board Score: 447/500

Skills

- Programming Languages: Python, Java, PHP, JavaScript, C
- Markup Languages: HTML, XML
- Tools: Git, Docker
- Development Areas: Frontend Development, CLI Tools Development, Backend Development

Projects

CLI Based Chat

Python | Multithreading | Sockets

- Build on Client-Server Architecture
- Fast Processing using Multithreading, data transferring using sockets

LocalAI

Python | HTML | Jinja | CSS | JavaScript | Docker

- Ability to run AI-pretrained models locally inside a host PC without an internet connection.
- Performing GET/POST requests from/to the model using Ollama's api endpoint.
- Simple and interactive UI deployed in localhost:5000.

Voting Software

JavaScript | HTML | CSS | jQuery

- Ensuring data integrity and security while storing and retrieving votes from local storage.
- Implementing real-time vote tally updates to reflect current results instantly.
- Providing a user-friendly interface that guides users through the voting process seamlessly.

Copy Folder

Python | CLI

- Command Line Interface built with Python published to the pypi.org.
- With **move** entry point it can perform copy-paste at the time a folder or a file to the source location to the destination.

Matrix Arithmetic Using Threads

Java | Swings

- Ability to perform matrix multiplication for higher order much faster by creating threads