Rohith Mariyala

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Portfolio - rohithmariyala.netlify.app

Education

Bachelors in Computer Science and Engineering   *11/2022 - Pursuing*
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

- **Coding Languages**: Python, Java, PHP, JavaScript, C
- **Markup Languages**: HTML, XML
- **Personal Communication**: Telugu, Hindi, English
- **Tools**: Git, GitHub, Docker, AWS (Lex)
- **Development Areas**: Frontend Development, CLI Tools Development, Backend Development

Experience

Software Developer Intern | Orchestration Syndicate | LINK   *3/2024 - Working*
- o Contributed to developing real-time applications using a custom open-source framework, focusing on task management and other key functionalities.
- o Built and extended framework components, including developing a mapper and integrating OIDC (OpenID Connect) for authentication, by designing and implementing new feature classes.
- o Collaborated with a team in designing and developing an AI product, leveraging Apple ML-4M as the foundational model for machine learning capabilities.

Projects

CLI Based Chat | LINK
Python | Multithreading | Sockets
- o Build on Client-Server Architecture
- o Fast Processing using Multithreading, data transferring using sockets

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

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