

# Rohith Mariyala

(+91) 9502409219

mariyalarohith29@gmail.com

github://[mrohith29](#)

linkedIn://[mariyala-rohith](#)

Portfolio://[rohithmariyala.com](#)

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## Experience

### Software Developer Intern | Orchestration Syndicate | [LINK](#)

3/2024 - Working

- Contributed to developing real-time applications using a custom open-source framework, focusing on task management and other key functionalities in the form of classes and functions.
  - Built and extended framework components, including developing a mapper and integrating OIDC (OpenID Connect) for authentication, by designing and optimizing new feature classes.
  - Collaborated with a team in designing and developing an AI product, leveraging Apple ML-4M as the foundational model for machine learning capabilities.
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## Skills

- **Programming Languages:** Python, Java, PHP, JavaScript, C, Oracle-SQL
  - **Markup Languages:** HTML, XML
  - **Tools:** Git, GitHub, Docker, AWS, Netlify, Railway, Notion, Google Calendar, OneNote
  - **Development Areas:** Frontend Development, CLI Tools Development, Backend Development
  - **AWS:** Route 53, ECS, ACM, S3, CloudFront, Lex
  - **FrameWorks:** Flask, Angular, Astro
  - **Libraries:** NumPy, Pandas, Mathplotlib, Transformers, Scikit-learn, TensorFlow, PyTorch, Bootstrap
  - **Concepts:** Object Oriented Programming, Functional Programming, Agile, CI/CD, Machine Learning, Data Structures
  - **Personal Communication:** Telugu, Hindi, English
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## Projects

### CLI Based Chat | [LINK](#)

Python | Multithreading | Sockets

- Build on Client-Server Architecture for Fast Processing using Multithreading, and data transferring using sockets.
- Enabling multiple users to communicate with text simultaneously in multiple groups.

### LocalAI | [LINK](#)

Python | HTML | Jinja | CSS | JavaScript | Docker

- Providing an interface to run AI-pre-trained models locally on a PC without an internet connection.
- Performing API calls from/to the model using the Ollama API endpoint.
- Empowering users in remote areas with text generation capabilities, even without internet access, providing seamless access to information and resources, bringing the digital divide and enhancing connectivity where it's needed most

### Voting Software | [LINK](#)

JavaScript | HTML | CSS | jQuery | Docker

- Ensuring data integrity and security while collecting votes from local storage.
- Implementing real-time vote tally updates to reflect current results instantly.
- Enabling individuals, schools and small organisations to conduct efficient polls empowers them to make informed, collective decisions on matters of shared interest effortlessly.

## Education

### **Bachelors in Computer Science and Engineering**

*11/2022 - Pursuing*

2<sup>nd</sup> 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

10<sup>th</sup> board Score: 447/500

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## Hobbies

- Contributing to the opensource
  - Travelling
  - Listening songs
  - Coding
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## Certifications

1. AWS Virtual Internship | [LINK](#)
2. NPTEL Data Science for Engineers | [LINK](#)