

# Rohith Mariyala

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

## Experience

### Software Developer Intern | Orchestration Syndicate

3/2024 - 12/2024

- 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.

## Skills

- Programming Languages:** Python, Java, PHP, JavaScript, C, Oracle-SQL
- Web & Markup Languages:** HTML, XML
- Development Areas:** Frontend Development, CLI Tools Development, Backend Development, AI Development, API Development
- Networking & Cloud Services :** Networking, AWS (Route 53, Registrar, S3), Netlify, Railway
- Frameworks & Libraries:** Flask, Angular, Astro, Transformers, Scikit-learn, TensorFlow, PyTorch
- DevOps & Tools:** Git, GitHub, Docker, Notion, Google Calendar, OneNote
- Software Development Concepts:** Object Oriented Programming, Functional Programming, Agile, CI/CD, Machine Learning, Data Structures
- Personal Communication:** Telugu, Hindi, English

## Projects

### 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

## Education

### Bachelors in Computer Science and Engineering

11/2022 - Pursuing

3rd year Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India  
9.03 Aggregate CGPA

### Higher Secondary Education

6/2020 - 7/2022

Maths-Physics-Chemistry from Sri Sanjeevni Jr College, RTC Cross Roads, Hyderabad, India  
Score: 940/1000

### Secondary Education

6/2017 - 4/2020

Shantiniketan Vidyalaya, Shamirpet, Hyderabad, India Board: CBSE 10th board  
Score: 447/500

## Hobbies

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

## Certifications

[AWS Virtual Internship](#)

[NPTEL Data Science for Engineers](#)