Rohith Mariyala

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GitHub://mrohith29
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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
- **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