# P. Phani Hrushik Reddy

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#### WORK EXPERIENCE

Techolution Nov. 2024 – Present

AI Engineer, Fulltime, In Office

Hyderabad, India

- Designed and implemented backend infrastructure for scalable AI service delivery in client projects.
- Fine-tuned and hosted multiple open-source LLMs including LLAMA 3, Deepseek, and Qwen VL.
- Worked with open-source Text-to-Speech (TTS) models including Whisper and Kokoro.
- Leveraged Google Cloud Platform (GCP) services for deploying and managing AI solutions.
- Prototyped and experimented with various ML and deep learning techniques to enhance performance for internal projects.

Multeway Apr. 2024 – Nov. 2024

Python Developer, Internship, In Office

Hyderabad, India

- I have developed a face verification system, an AI chatbot, and a recommendation system integrated into application features, utilizing Django for the backend, TensorFlow for face verification, GPT-40 for the chatbot, and collaborative filtering algorithms for recommendations.
- I have fine-tuned open-source LLMs such as Mixtral, Phi3, and Llama3 for custom use cases.
- I improved the bug-fixing workflow by implementing automation tools for other developers.

Eklavya.me Jan. 2024 – June. 2024

Machine Learning Engineer, Internship, Remote

Goa, India

- I played a key role in developing Askek, an AI chatbot that helps solve students' queries.
- I have worked with AWS for cloud infrastructure, Docker for containerization, and FastAPI to develop APIs.

#### **PROJECTS**

- <u>Fueza</u>: An alternative to perplexity ai with advanced internet search and Retrieval Augmented Generation capabilities [Techstack: Python, Flask, Streamlit, Langchain, BeautifulSoup4, Groq Mixtral 8x7B]
- <u>Velix</u>: Generate mini video lectures automatically for all the lessons of NCERT. [Techstack: Python, GPT-4]
- <u>Arxiv-Researcher</u>: Helps you to understand and gain insights from Arxiv research papers faster by allowing you to chat with the research paper. [Techstack: Python, Langchain, Streamlit, OpenAI embeddings, chroma DB]

#### **EDUCATION**

Osmania University May 2025

BE, Electronics and Communication Engineering

Hyderabad, India

- 8.3/10 GPA (Till 7th sem)
- Volunteer, National Service Scheme (NSS)
- Member of the Cultural Club of my college (MCC)

## **CERTIFICATIONS, SKILLS & ACHIEVEMENTS**

- Certifications:
- <u>Data Science Specialization</u>, Internshala
- Blockchain and its applications, IIT-K
- <u>SQL Advanced</u>, HackerRank
- Skills: AWS, Django, SQL, GO, React.js

### Achievements:

- First Prize, Major League Hacking Hackathon, 2023
- Second Prize, Engenius ideathon, 2024