

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Mallareddy University , Hyderabad	8.92(Current)	2022-Present
Senior Secondary	Sri Chaitanya Junior College	91.1%	2020
Secondary	Sri Sai Siddhartha High School	100%	2018

WORK EXPERIENCE

- Dr.Jnan Yalla

Machine Learning Research Assistant

Jul 2024 - Sep 2024

IIIT , Hyderabad

– Conducted academic literature reviews and researched classical and quantum optimization techniques for financial portfolio management using a 10-year dataset of 10 stock tickers.

– Benchmarked performance, finding classical methods outperformed quantum in 84 percent of cases for small datasets, while quantum excelled in complex portfolio optimization.
- Ransh Innovations Private Limited

Prompt Engineer Intern

Mar 2025 - Present

Rohtak, Haryana

– Developed reusable prompt templates for tasks including summarization, classification, customer support, and creative writing.

– Improved summarization accuracy by 20 percent through iterative prompt chaining and few-shot techniques..
- ClassMent

Generative AI Intern

Mar 2025 - Present

Banglore , Karnataka

– Spearheading the end-to-end development of Beta version of Classment’s capstone Generative AI product, from ideation to deployment.

– Designing the system architecture, selected appropriate LLMs, and implemented core features for intelligent educational content generation.

PROJECTS

- Graphly – 3D AI Knowledge Graph Builder

Self-Guided

May 2025 - May 2025, ClassMent

Github

– Built an AI-powered knowledge graph builder that extracts entities and relationships from unstructured text using Gemini and Langchain, and visualizes them in 3D using Plotly.

– Integrated Neo4j database for persistent graph storage and enabled both AI-driven and manual node/edge creation workflows.
- Cura AI – Generative AI Healthcare Assistant

Self Guided

Aug 2024 - Aug 2024, MRUH

Github

– Built a multi-modal healthcare assistant integrating LLMs with text processing, NER for medical terms, and conversational diagnosis, showcasing domain-specific NLP and LLM fine-tuning

– Enabled personalized health recommendations through natural language input.
- ShopScribe – Sentiment Analysis Web-Scraping Agent

Self Guided

Apr 2025 - Apr 2025, MRUH

Github

– Developed an LLM agent that scrapes e-commerce reviews and performs sentiment analysis, demonstrating applied NLP with real-time data acquisition.

– Achieved high review classification accuracy and automated scraping pipelines.
- Video Audio Replacement Tool

Self Guided

Mar 2025 - Mar 2025, MRUH

Github

– Created a full AI pipeline to transcribe, correct, and replace audio in video files using Google and Azure services; exemplifies real-world speech + text + synthesis system.

TECHNICAL SKILLS

- Programming Languages: C/C++, Python, SQL, JavaScript

• Developer Tools: Git,Github, Google Cloud Platform, VS Code,Vercel , Docker

• Libraries: Pandas, NumPy, Matplotlib, Plotly, Seaborn, Scikit-learn, PyTorch, Keras, TensorFlow, OpenCV, LangChain, LangGraph

• Soft Skills: Problem-solving , Research-oriented thinking , Creativity, Collaboration teamwork , Critical thinking