**Gowni Kranthi Kumar**

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**Education**

**Lovely Professional University Punjab 2023 – 2025**

*Master in Computer Application hons. AI and ML – CGPA: 8.0 Jalandhar, Punjab*

# Skills

**Programming Languages** : Python, SQL

**AI & Machine Learning Libraries:** Scikit-learn, Keras, TensorFlow, Pandas, NumPy, Matplotlib, NLTK, Hugging

Face Transformers, LangChain, OpenAI API, LlamaIndex

**Agentic AI & LLM Orchestration:**LangChain, CrewAI, Autogen, AutoGPT, Retrieval-Augmented Generation (RAG),

Tool-usage Agents, ReAct, Tree of Thoughts (ToT), CoT (Chain-of-Thought), Reflexion Framework

**Data & Memory Technologies :** ChromaDB, FAISS, Pinecone, PostgresSQL, Apache Spark

**Tools & Frameworks:** Apache Airflow, Apache Kafka, Power BI, Excel, Docker, Kubernetes, Git, Prompt Engineering Tools (e.g., Cursor, GitHub Copilot)

**Analytical & Mathematical Skills:**Discrete Mathematics, Numerical Analysis, Logical Reasoning, Symbolic Planning, Decision Trees,Cretical Thinking,Deign Thinking

**Soft Skills:** Leadership, Problem Solving, Communication, Prompt Engineering, Project Management, Adaptability,

# Internships

**Intern Machine Learning & AI Cipher Schools, Delhi (Remote) |**  **Jul 2023 – Feb 2024** ● Worked on an Image Classification project using SVM.

* Applied Python libraries (NumPy, Pandas, Matplotlib, Seaborn) for data preprocessing, model building, and visualization. ● Gained hands-on experience in feature engineering and model evaluation.

**Intern – Project Management & Agentic AI IIT Patna (Remote) | July 2025 – Present** ● Explored Agentic AI systems, LLM orchestration (LangChain, OpenAI API), and autonomous agent workflows.

* Learned project planning, team coordination, and agile tools within AI-driven systems.

## Projects

**Trade Agent – Agentic AI for Trading Operations Jan 2025 – Feb 2025**

* Developed an LLM-powered agent capable of performing trading tasks (buy, sell, check portfolio) through NLP .
* Used LangChain and OpenAI API to build autonomous task execution flows.

**Sentiment Analysis Microservice – Real-time Text Analysis Aug 2025 – Sep 2025**

* Built a standalone, real-time microservice that analyzes and categorizes sentiment from text data.
* Designed the service to be easily integrated into other applications, like the Fake News Detector, using a REST API.

**CIRC – Multimodal AI System (SigLIP + LLaMA 3) Feb 2024 – Apr 2024**

* Built a multimodal AI system combining SigLIP (vision encoder) and LLaMA 3 (language model) for visual-language understanding.
* Enabled capabilities like image-question answering, captioning, and contextual reasoning.

**Certificates & Achievements**

Summer Training in Machine Learning | Cipher Schools Jul ‘24

Datathon 2024 | Lovely Professional University Sep’24

Artificial Intelligence And Machine Learning | IBM Skillnet By LPU Jan’25

Project Management and Agentic AI | IIT Patna  July 25

DeepLearning | NPTEL Jan 25

VibeCoding by EntelligenceAI | Eventeye July25