**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*

**VijayaNagara SrikrishnaDevaraya University 2019 - 2022**

*Bachelor in Business Administration(BBA)— CGPA: 7 . 3 9* Bellary, Karnataka

**Sri Chaitanya Junior *College 2017 – 2019***

*Maths,Physics,Chemistry(MPC*) Kurnool, Andhra Pradesh

**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:** Higher Mathematics, Discrete Mathematics, Numerical Analysis, Logical Reasoning, Symbolic Planning, Decision Trees

**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.

**Movie Booking Agent – AI Chat-based Booking System Feb2025 – Mar 2025**

• Created an agentic assistant that allows users to book movie tickets through conversational commands.

• Integrated tool-use capabilities (date/time search, theater selection) via agent orchestration frameworks.

**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 | NTPL Jan 25

VibeCoding by EntelligenceAI | Eventeye July25