**Kowshik Ch V**

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**Professional Summary**

AIML undergraduate passionate about Generative AI and LLMs, with hands-on experience in Python, ML/DL, and prompt engineering. Skilled in building data-driven solutions using frameworks like LangChain, TensorFlow, Hugging Face. Quick learner with a strong foundation in NLP, computer vision, and real-world AI applications.

**Education**

**B.Tech**: CSE with specialization in AI and ML Candidate, Expected graduation 06/2026

**SRMIST** **Chennai**- Tamil Nadu

**Higher Secondary Education**: 05/2022

**Narayana E-Techno school** - Andhra Pradesh

**Skills**

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| * **Languages & Tools:** Python, SQL, Git, Streamlit, Tableau, Jupyter Notebook | * **Generative AI:** Prompt Engineering, OpenAI API, LangChain, RAG, LLM Fine-Tuning (LoRA, PEFT) |
| * **Data Science:** EDA, Feature Engineering, Data Visualization (Seaborn, Matplotlib), Pandas, NumPy | * **ML/DL Frameworks:** TensorFlow, Keras, Scikit-learn. |

**Projects**

* **GDP Analysis:** Analyzed and Compared GDP data to understand Economic performances across the globe.
* **Micro-Analysis on Home Services:** Conducted and analyzed a micro survey regarding home services across the nation.
* **Analysis on Nifty 50 using XGBoost:** Can The project utilizes XGBoost to predict the Nifty 50 index’s price movements and trends, leveraging feature engineering and data preprocessing techniques for improved accuracy.
* **ANN for Human Face Recognition**: Developed and implemented a convolutional neural network mode using TensorFlow, Keras, and OpenCV for human face recognition with over 10 million images.
* **calories health:** Developed a Streamlit-based vision chatbot using Gemini Pro Vision API to analyze food images and estimate calorie content with itemized breakdown.
* **Chat with PDF** : Built a Streamlit app to enable conversational Q&A over PDFs using Gemini Pro, LangChain, and FAISS for vector-based semantic retrieval.

**Leadership Experience**

* **SRMIST CAMPUS LIFE:** Secretary , Present, Organized and executed a social media campaign that resulted in a 40% increase in event attendance
* **SRM NCC**:, Ex-Cadet, 09/23, 01/24, Led and coordinated a team of cadets, ensuring effective communication, discipline, and collaboration during various activities and events.,.

**Achievements**

* Secured a Rank of 212 in SRMJEEE, which was subsequently awarded a Merit scholarship of 75%.