V Prajwal

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TECHNICAL SKILLS

Languages: Python, Java, SQL
Frameworks & Libraries: Django, Pandas, HuggingFace Transformers
Cloud Platforms: Google Cloud, Vertex AI
Tools: VS Code, Jupyter Notebook, Streamlit, LM Studio, Cursor
Databases: PostgreSQL, MySQL
Datasets: Kaggle, CulturaX, Synthetic
Other Skills: Leadership, Project Management, Team Collaboration, Communication

PROFESSIONAL EXPERIENCE

AI Engineer, V2Soft — Bengaluru, India   Jun 2024 – Jun 2025
– Built AI video query system on Google Cloud & Vertex AI.

– Led backend with Django, improving scalability and speed by 20%.

AI Intern, V2Soft — Bengaluru, India   Sep 2023 – Dec 2023
– Fine-tuned LLMs with domain datasets for contextual accuracy.

– Integrated APIs with LLM systems, improving precision by 15%.

Full Stack Intern, Zetacoding — Bengaluru, India   Aug 2023 – Sep 2023
– Worked on Java Spring Boot applications and internal tools.

PROJECTS

Kannada Gen AI for Farmers [IISc Bangalore] — Kannada chatbot for sustainable agriculture, funded by Karnataka Govt.
Transformer (ChatGPT) from Scratch — PyTorch — Implemented transformer architecture in PyTorch for text generation and comprehension.
Next Gen Research Using LLMs — Built tool integrating LLMs with web scraping to summarize academic content with Streamlit frontend.
AI Video Query System — Developed text-to-video search with frame retrieval using Google Cloud and Vertex AI.

EDUCATION

B.E. in Computer Science, NIE Mysuru 2020 – 2024
Sadvidya Composite PU College, Mysore 2018 – 2020

CERTIFICATIONS

– **Machine Learning — Stanford (Coursera, Andrew Ng)**
– Deep Learning Specialization — deeplearning.ai (Coursera)

KEY ACHIEVEMENTS

– Received **state government funding (IISc Bangalore)** for AI project supporting rural communities.
– Deployed real-time AI tools for video & text data.
– Completed globally recognized ML & DL certifications.