

Kiran Mulawad

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[LinkedIn](#) — [GitHub](#)

Summary

Applied Data Science and Analytics master's student with strong experience in AI tools, LLM-based projects, data engineering, and cloud technologies. AI/Data Engineer with strong experience in Python-based data workflows, cloud data handling, and AI/NLP applications. Built scalable semantic search pipelines with Ollama, Pinecone, and Streamlit. Currently completing thesis on AI-based grant discovery automation at iiterate Technologies as part of a thesis internship. Looking for AI Engineer or Data Engineer roles in innovative environments.

Technical Skills

Programming — Python, SQL, R

ML & DL — Scikit-learn, PyTorch, TensorFlow, Hugging Face Transformers

Data Engineering — ETL, Data Pipelines, Apache Airflow, APIs, PostgreSQL, MySQL, SQLite

Cloud & Tools — GCP, BigQuery, Azure, Docker, Git, Streamlit, Pinecone

Visualization — Tableau, Excel, SAS Visual Analytics

Soft Skills — Collaboration, Agile, Communication

Experience

Thesis Intern – iiterate Technologies GmbH

April 2025 – Present

AI Funding Finder

- Built custom ETL pipelines for ingesting and embedding grant metadata.
- Used Pinecone for vector search, Streamlit for UI, Llama for GPT recommendations.
- Simulated real-world data engineering tasks: chunking, translation, reranking, citation.
- Deployed and tested app in cloud-like dev setup.

Projects

RAG Chatbot for Student Support

- Built a Retrieval-Augmented Generation chatbot using LLAMA3 to answer student queries.
- Used chunked PDF input, embedding search, and LLM orchestration with modular flow control.
- **GitHub:** github.com/Kiranmulawad1/rag-chatbot

End-to-End Data Pipeline with BigQuery

- Automated data extraction, cleaning, loading to Google BigQuery, and Tableau dashboarding.
- Tools: Docker, Python, BigQuery, GCP SDK, MySQL.
- **GitHub:** github.com/Kiranmulawad1/data-pipeline

Thermal Power Prediction – Mars Express Orbiter

- Designed and containerized a full ML pipeline for thermal power prediction on satellite data.
- Used PostgreSQL, XGBoost, CatBoost, and Docker Compose.
- **GitHub:** github.com/Kiranmulawad1/mars-express-orbiter

Recruiter Candidate Filtering System

- Scraped GitHub profiles, clustered candidates using K-means, and automated email outreach.
- Tools: Python, PostgreSQL, ML, HTML, JS.
- **GitHub:** github.com/Kiranmulawad1/Hush-Hush-Recruiter

Education

M.Sc. Applied Data Science & Analytics

SRH Hochschule Heidelberg, Germany

October 2023 - Present

Bachelors of Computer Applications (BCA)

P.C. Jabin Science College, Hubballi, India

June 2019 – August 2022

Certifications

- Python Programming
- Fundamentals of Deep Learning from NVIDIA
- Building LLM Applications With Prompt Engineering from NVIDIA
- SAS Visual Analytics 1 for SAS Viya: Basics
- SAS Visual Analytics 2 for SAS Viya: Advanced
- SAS Certified Specialist: Visual Business Analytics Using SAS Viya

Languages

English (Fluent), German (A2), Kannada (Fluent), Hindi (Fluent).