

Falak Rana

+91 9725556991 | ranafalak18@gmail.com | linkedin.com/in/falak-rana | github.com/falakrana | falakrana.vercel.app

SUMMARY

Machine learning enthusiast skilled in neural networks, generative AI (LangChain, Ollama), and frameworks like TensorFlow and PyTorch. Experienced in NLP, computer vision, and model optimization. Proficient with SQL, MongoDB, and data visualization tools like Tableau and Matplotlib. Strong in DSA for building efficient, scalable solutions.

TECHNICAL SKILLS

Languages: Python, SQL, Java, HTML, CSS, JavaScript

Data & ML Tools: Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, PyTorch, Deep Learning

AI & LLM Tools: LangChain, Ollama, Hugging Face, Embeddings, Transformers, RAG, API handling, ADK

Databases: SQL, MongoDB, Vector DBs (FAISS, ChromaDB),

Visualization: Tableau, Power BI, Microsoft Excel

Others: Git, GitHub, Docker, FastAPI, DSA

EXPERIENCE

ML Intern

Jan 2025 – Apr 2025

UnifiedMentor (Remote)

- Developed 6 ML projects (TensorFlow/Scikit-learn) with Flask deployment
- Implemented supervised/unsupervised learning and neural networks
- GitHub: github.com/falakrana/unifiedmentor

PROJECTS

Email Composition using Google ADK

Gemini API, LangChain, Google's agent development Kit (ADK)

Structured email generation using Google ADK + Gemini model

GitHub: <https://github.com/falakrana/Email-composition-Google-ADK.git>

LangChain Translator via GROQ

FastAPI, LangChain, GROQ

Translator using Gemma 2B deployed on Groq LPUs with multi-language support

GitHub: <https://github.com/falakrana/LangChainGROQTranslator.git>

Coursera QA App

Flask, Playwright, LLM

Scrapes course data and answers user queries using Groq/Llama3

GitHub: <https://github.com/falakrana/coursera-qa-app.git>

EDUCATION

Parul University

B.Tech in Computer Science Engineering

2022 – 2026

CGPA: 8.3/10.0

CERTIFICATIONS

• **Data Science Bootcamp** – Udemy

• **MySQL** – Cursa

• **Tableau for Data Visualization** – Udemy

• **Excel** – Coursera