

Asher Kashif

ML Intern at FlyRank AI | AI Engineer | Generative AI | LLMs & RAG | Python

+923060853913 asherkashif26@gmail.com linkedin.com/in/asherkashif
asherport.netlify.app github.com/asherkashif Khānewāl, Punjab, Pakistan

Summary

Computer Science undergraduate and aspiring AI Engineer with hands-on experience in Machine Learning, Deep Learning, Generative AI, LLMs, and RAG-based applications. Experienced in building Python-based AI solutions, developing ML models, working with FastAPI and Streamlit, and applying data-driven approaches to real-world problems. Currently working as an AI Intern at FlyRank, focusing on machine learning and ranking-based analysis.

Top Skills

Programming: Python	Machine Learning: Scikit-learn, Pandas, NumPy, Matplotlib
Deep Learning: TensorFlow, Keras	Generative AI: LLMs, RAG, LangChain
AI Application Development: FastAPI, Flask, Streamlit	Tools & Platforms: Git, GitHub, Docker, Jupyter

Experience

ML Intern, FlyRank AI 07/2026 – Present

- Working as an ML Intern at FlyRank AI, focusing on practical machine learning and data-driven SEO opportunity ranking.
- Analyzing large-scale content and performance datasets to identify actionable signals and patterns.
- Building transparent rule-based ML baselines with scoring, reason codes, and ranked action queues.
- Performing signal audits and validating hypotheses using statistical summaries and bucket analysis.
- Applying leakage-aware feature selection and honest validation practices for machine learning workflows.
- Working with Python, Pandas, NumPy, SQL, and Git in a structured ML internship environment.
- Preparing baseline systems that serve as benchmarks for subsequent machine learning models.

Projects

Multimodal AI Assistant 07/2026 – 08/2026

- Built a multimodal AI assistant using **Python, FastAPI, Streamlit, Gemini, and RAG** for document and image-based question answering.
- Implemented **FAISS-based vector retrieval** to enable context-aware responses from uploaded documents.
- Developed separate document and image processing workflows and integrated them through FastAPI APIs.
- Added user authentication, chat history, database integration, and **PDF report generation**.

Movie Recommender System

- Developed a movie recommendation system that recommends films based on user preferences and movie similarity.
- Implemented data preprocessing and similarity-based recommendation logic using Python.
- Built a recommendation workflow to retrieve relevant movies based on selected movie/user preferences.

Certifications

Artificial Intelligence	Intro to Machine Learning	Introduction to Model Context Protocol
Python Data Structures	Crash Course on Python	

Education

Bachelor's Degree, Computational Science 09/2023 – 07/2027
Muhammad Nawaz Sharif University of Engineering & Technology, Multan