Faizan Haider

AI/ML & Generative AI Intern

📍 **Rahim Yar Khan, Punjab, Pakistan**   📞 **+92 306 1972701**   ✉ **faizanhaiderofficial1@gmail.com**

Professional Summary

Motivated AI/ML enthusiast with hands-on experience in building machine learning, deep learning, and generative AI solutions. Skilled in automating workflows, and applying data-driven approaches to real-world problems. Recently worked on projects involving LangChain, Gemini, and RAG-based systems. Passionate about exploring innovative AI applications and contributing to impactful projects through remote internship opportunities.

PROJECTS

Lead Management Workflow – AI Automation | n8n | Gemini

- Developed a Retrieval-Augmented Generation (RAG) handling client inquiries from Google Sheets.
- Integrated AI Agent for lead scoring, urgency detection & summary generation and deployed on Docker.

RAG-based Knowledge Assistant | LangChain, LLM Integration

- Developed a Retrieval-Augmented Generation (RAG) pipeline using 5 structured documents.
- Implemented embeddings for document retrieval and context-aware answer generation.
- Tested and validated successful dynamic information retrieval using LLM integration.

Generative AI Restaurant Generator | Generative AI

- Created a Generative AI system that produces restaurant concepts, menus, and branding ideas.
- Leveraged large language models to generate creative and consistent outputs.

House Price Prediction | XGBoost, Regression

- Built and optimized regression models using XGBoost for housing price prediction.
- Performed feature engineering, data cleaning, and hyperparameter tuning to enhance accuracy.

EmployeePromotionPrediction | Supervised Model Random Forests | Regression

- Implemented a supervised classification model using Logistic Regression and Random Forests to predict employee promotions.
- Applied SMOTE for class balancing and GridSearchCV formodel optimization.

Document Classification using OCR and Machine Learning

- Developed a documentclassificationsystem using OCR (Tesseract) to extract text from scanned .tif images.
- Applied TF-IDF vectorization and trained a Logistic Regression model to classify documents into multiple categories.

EDUCATION

BS in Computer Science

Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan
Feb 2023 – Expected 2027

SKILLS

PROGRAMMING

Python, C++, HTML,CSS

Libraries & Frameworks

Numpy, Pandas, Seaborn, Scikit-learn, TensorFlow, Matplotlib, Langchain

TOOLS/TECHNOLOGIES

Kaggle, Jupyter Notebook, Google Colab, Generative-AI, n8n

Soft Skills

- GoogleWorkspace (Docs, Sheets, Drive) Microsoft Office (Word, Excel)
- Microsoft Teams, WhatsApp
- Communication & Collaboration
  Attention to details

COURSEWORK

UNDERGRADUATE

- Machine Learning
- Data Science
- Statistics
- Artificial Intelligence
- OOP

Certifications

AI Engineer – NAVTTC (Govt. of Pakistan)
Hands-on training in AI, ML, DL, and model development using TensorFlow and Python. (Mar–Jun 2025)

LINKS

Kaggle://Faizan Haider
LinkedIn://Faizan Haider