Fahim Sabir

Data Scientist (AI, ML)

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SUMMARY

AI professional with hands-on project experience in Python, Machine Learning, Deep Learning, and NLP. Skilled in designing and implementing AI models, analyzing data trends, and automating processes. Eager to leverage strong technical skills and a passion for innovation to contribute to a dynamic, growth-focused team.

EDUCATION

Bachelor of Science in Computer Science University of Science & Technology, Bannu (3.5 CGPA)   📅 **2020-2024**

EXPERIENCE

AI/ML Engineer
JMM Technologies   **--Present**
January 2025

- Conducted **data analysis**, **preprocessing**, and **feature engineering** to extract meaningful insights and improve model input quality.
- **Built**, **tuned**, and **evaluated** machine learning models to ensure optimal performance and accuracy.
- Collaborated with **cross-functional** teams to integrate AI models into **web applications** for seamless functionality.
- **Deployed** models on **AWS** platforms, ensuring scalability, stability, and performance in cloud environments.

AI/ML Engineer Intern
Horizon Tech Services NSTP, NUST
July 2024 – December 2024

- Build and maintain robust **pipelines** for developing **end-to-end machine learning models**, ensuring efficiency and scalability throughout the process.
- Collaborate closely with **cross-functional teams** to seamlessly integrate machine learning models into **web applications**, enhancing user experience and functionality.
- **Track experiments** and **deploy** models on **AWS cloud**.

Projects

Google Chrome Plugin for YouTube Comment Sentiment Analysis   Link

- Built an **End-to-End Google Chrome Plugin** to analyze and visualize YouTube video comments.
- Enabled sentiment analysis with **Positive**, **Negative**, **Neutral** results and a **word cloud** for frequent words.
- **Simplified audience insights** for content creators by automating comment analysis.
- Integrated **DVC**, **MLFlow**, and **Docker** for versioning, tracking, and seamless deployment.
- Deployed on **AWS EC2**, ensuring global accessibility for users.

CryptoCurrency Forecasting   Link

- Developed a system to forecast Bitcoin and Ethereum close prices.
- Designed a robust data pipeline for ingestion, preprocessing, and feature scaling.
- Built an end-to-end prediction pipeline for real-time forecasting.
- Dockerized the application and deployed it on AWS EC2 for scalable access.

Technical Skills

AI & Machine Learning

Python   Data Visualization

Supervided Learning Algo.

Unsupervided Learning Algo.

ANN, CNN, RNN, LSTM, GRU

Docker, Streamlit

Data Analysis   Feature Engineering

Programming Languages

Python   SQL

Python Packages & Frameworks

Scikit-Learn   TensorFlow   PyTorch

Matplotlib   Seaborn   Plotly   Numpy

Pandas   Keras   Flask   Streamlit

NLP & Generative AI

Transformer Architecture   Hugging Face

RAG   LangChain   Fine Tuning

MLOps Cloud Based Web-Services

AWS SageMaker   EC2 Instance

S3 Bucket   Git & Github Actions

Dagshub   DVC   MLflow

Backend Technologies

FlaskAPI   Flask

Dash   Django