Saad Fahim

AI/ML Engineer

📍 Galle, Sri Lanka   📞 +94 766533626   ✉ mohsaadfahim@gmail.com   in linkedin.com/in/saadfahim-sd

PROFILE

AI/ML Engineer with a BSc in Computer Science, specializing in AI/ML and Data Science. Proficient in Python, TensorFlow, PyTorch, LangChain, backend development using .NET, and have a strong grip on DevOps practices. Skilled in machine learning algorithms, NLP, Computer Vision and AI Agents. Passionate about building innovative AI-driven solutions and eager to contribute to cutting-edge projects in the AI space.

EXPERIENCE

AI/ML Engineer | *Sherbet., London, UK | Jun 2025 – Present*

- Developed AI chatbots using machine learning and NLP to improve accuracy.
- Contributed to model training, data preprocessing, and intent recognition.
- Optimized model performance for enhanced accuracy and efficiency.

Teaching Assistant | *PAF-IAST, Haripur, PK | Feb 2025 – Jun 2025*

- Supported the lecturer in lesson delivery and classroom management.
- Graded assignments and quizzes, providing student feedback.

ERP Internship| *Datamation Systems Pvt Ltd, Colombo, SL | Aug 2023 – Sep 2023*

- Gained hands-on experience with ERP software and business process management.
- Assisted in data integration and system configuration for ERP modules.

Robotics Internship | *Sino-Pak Center for Artificial Intelligence, Haripur, PK | Jul 2022 – Sep 2022*

- Learned and implemented Spider Robot movement using 16 servo motors and ESP Wi-Fi controller.
- Mastered motion sensors and Arduino IDE to complete assigned tasks.

SKILLS

Programming: Python, C++, C#

Database: MySQL, PostgreSQL

Data Visualization: Matplotlib, Seaborn

Machine Learning: Pandas, NumPy, Scikit-learn, PySpark, TensorFlow, PyTorch

Web Development: HTML, CSS, JavaScript, React

Backend: Django, .NET

Tools and Frameworks: LangChain, Streamlit

EDUCATION

BSc Computer Science | Pak-Austria Fachhochschule IAST, Haripur, Pakistan | 2021 – 2025

PROJECTS

iNovatcs - Intelligent Traffic Control System with Anomaly Detection and Responses ✇

- Built an AI-based traffic control system using computer vision to detect incidents and optimize traffic flow. Integrated a Django web dashboard for real-time monitoring and management, improving traffic management efficiency and public safety. *[GitHub Repo]*

NLP-based Warehouse and Retail Sales Data Chatbot ✇

- Created an interactive chatbot using NLP to answer queries on warehouse and retail sales data from CSV datasets. Integrated LangChain LLM (LLaMA 3 - 8B) with Groq API for language understanding and used Streamlit for a user-friendly interface. *[GitHub Repo]*

Tokyo Olympic 2020- Big Data Analytics ✇

- Utilized Azure and Apache Spark to process and analyze the Olympic 2020 dataset. Employed DataBricks and GitHub for data transformation, ensuring data quality and generating actionable insights. *[GitHub Repo]*

Python-Based Chat Application ✇

- Implemented a real-time communication system using socket programming with a server-client architecture. The app features user authentication, multiple chat rooms, and a simple GUI built with Tkinter. It uses threading for efficient handling of multiple client connections to enable instant messaging *[GitHub Repo]*

PAF-IAST Hostel Management System ✇

- Optimizes inventory by tracking items, quantities, and equipment, providing real-time inventory data, simplifying order placement, and generating insightful movement reports to support informed decision-making *[GitHub Repo]*

AWARDS

Dean's List of Honor
Fall 2021

URAAN Semester Project Exhibition
Runners-up in 2023

CERTIFICATIONS

Machine Learning Specialization
DeepLearning.AI

Generative AI Explorer - Vertex AI
Google Cloud Skills Boost

Web Design for Beginners
University of Moratuwa
Credential ID: Xw4Gu7MlGk

Python Programming
University of Moratuwa
Credential ID: 13679043

GIT
Simplilearn