

Kainat

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With 2 years of experience specializing in Machine Learning and Artificial Intelligence, I am passionate about building smart, scalable solutions that solve real-world problems. With hands-on experience in deep learning, predictive analytics, and data-driven systems, my aim is to leverage technology to drive innovation, improve efficiency, and create meaningful impact. I thrive in fast-paced, forward-thinking environments where continuous learning and creative problem solving are key

Technical Skills

Programming Languages: Python

Frameworks & Libraries: Flask, FastAPI, Hugging Face, LangChain, Transformers, PyTorch, TensorFlow

Technologies: Generative AI, Deep Learning, Machine Learning, Artificial Intelligence, n8n Workflows, DALL·E, OpenAI, Flux

LLM Tooling & Vector Stores: FAISS, ChromaDB, Pinecone

Development Skills: API/Endpoint Development, Model Integration, Prompt Engineering, SQLite Integration

Education

University of Engineering and Technology Taxila, BS in Computer Engineering 2019 – 2023

- GPA: 3.45/4.0
- **Coursework:** Machine learning, Advance Algorithm, Signal and System, Digital Image processing

Experience

Generative AI Engineer, Alright Tech Private Limited – Islamabad, Pakistan Apr 2025 – Present

- Working on end-to-end deployment of Generative AI systems.
- Building intelligent applications integrating LLMs with production API s.
- Design pipelines for scalable data ingestion and response generation.

AI Engineer, CafeVistaAI Pvt Ltd. – Remote Oct 2024 – May 2025

- Designed and deployed AI solutions to enhance product performance.
- Optimized deep learning models for real-time insights.
- Integrated scalable AI systems with cross-functional teams.

Machine Learning Engineer, NKU Technologies Pvt Ltd – Lahore, Pakistan Nov 2023 – Sep 2024

- Built forecasting models for sales and revenue prediction.
- Developed chatbots and recommendation systems.
- Implemented computer vision for object detection and speed tracking.

Machine Learning Engineer, Bluetech – Islamabad, Pakistan Apr 2023 – Sep 2023

- Processed large datasets for ML pipelines.
- Built and evaluated predictive models.
- Conducted AI research for performance improvement.

Natural Language Processing Intern, Data Science Innovation Hub (DISH), UET – Rawalpindi, Pakistan Aug 2022 – Feb 2023

- Worked on sentiment analysis and text summarization.
- Real-world NLP applications built.

- Explore advanced AI tools and models.

Projects

Revenue Forecasting System

- Built predictive models using Moving Average and Exponential Smoothing for revenue trend analysis.

Voice-Enabled Real Estate Bot

- Developed a voice-enabled chatbot using Voiceflow, Voiceglow, and Make.com for real estate Q&A automation.

Object Detection Suite

- Built custom YOLO models to detect faces, mobile usage, fire, and PPE compliance.

PDF Document QA Bot

- Enabled Q&A over documents using similarity search with Pinecone and LangChain.

Vehicle Speed Estimation App

- YOLO and OpenCV implemented in a Streamlit app to estimate real-time vehicle speed using object tracking.

Face Recognition Attendance System

- Automated attendance using OpenCV, Face Net, and Deep-face for identity recognition and logging.

Plant Intent Recommender System

- Recommended user intents and entities using NLP for agriculture-related queries.

Survey Chatbot Platform

- Built a chatbot using Fast API, MySQL, and FAISS to gather and search user responses efficiently.

Alex RAG Bot

- Implemented Retrieval-Augmented Generation with vector search and OpenAI for domain-specific chatbot responses.

Bible Q&A Chatbot

- Built a chatbot to answer Bible-related questions using semantic search and custom embeddings.

Smile Analyzer

- Developed a smile detection application using facial expression classification with deep learning.

JSSL Football Registration System

- Built system for Free Trial and Free Camp registration with automated workflows and user data integration.