

Khizar Ishtiaq

AI Engineer

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Overview

I am a 3rd-year Artificial Intelligence student with hands-on experience in ML, DL, NLP, and MLOps. Skilled in building practical and scalable AI applications using Python, FastAPI, Docker, LangChain, and LangGraph. Developed projects like FlameUP Resturant AI Chatbot, Email Summarizer Agent, RevnixAI Chatbot and Sentiment Analysis System focusing on production-ready AI solutions.

Education

Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology

Feb 2024 – Feb 2028

Bachelor of Science in Artificial Intelligence | CGPA: 3.69

Peace College | Apr 2021 – May 2023

FSc | Grade: A+

Technical Skills

Languages & Frameworks: Python, SQL, FastAPI, Flask, Streamlit

Libraries: Scikit-learn, NumPy, Pandas, Matplotlib, LangChain, LangGraph

Tools & Platforms: Git, VS Code, Docker, Postman, MLOps, DVC, MLflow

Other Skills: Machine Learning (ML), Deep Learning (DL), NLP, Model Deployment

Work Experience

AI Intern | Revnix

Current

- Developed AI applications using LangChain & LangGraph.
- Implementing MLOps practices and Docker containerization for AI applications
- Built production ready AI solutions with FastAPI integration

Python Development Intern | ProSensia

Jun 2025 – Aug 2025

- Worked on developing and enhancing Python-based applications and backend systems.
- Gained practical experience in problem-solving, and delivering functional software solutions.

Machine Learning Intern | NextGenLearners

Jul 2025

- Built, trained, and evaluated ML models for practical use cases.
- Gained hands-on experience in data preprocessing, model development, and deployment.
- Made a project Career Guidance Chatbot using machien, learning, NLP, streamlit

Python Intern | Technik Nest Pvt Ltd

Jun 2025 – Jul 2025

- Worked on Python-based applications and solutions
- Enhanced programming skills and best practices

Python Developer | TechnoHacks

Mar 2025 – Apr 2025

- Developed Quiz applications using Python, Flask and SQL
- Gained hands-on experience in backend development.

Web Development Intern | RankingGrow

Jul 2024 – Sep 2024

- Developed frontend applications using HTML, CSS, and JavaScript.
 - Gained hands-on experience in web development.
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Projects

Clara: Multi-Channel AI Medical Voice Assistant

- Developed a production-grade AI assistant for hospital front-desk automation using LiveKit Realtime and LangGraph.
- Enabled real-time appointment booking via web (voice) and WhatsApp with reliable, action-driven workflows.
- **Tech Stack:** Python, FastAPI, Next.js, LangChain, LangGraph, LiveKit, WhatsApp API
- **GitHub Repo:** <https://github.com/1Khizar/medical-voice-ai-agent.git>

FlameUP Restaurant AI Chatbot

- Built a multimodal RAG chatbot for web & WhatsApp with text and voice interaction.
- Voice AI with ElevenLabs, WhatsApp integration via Twilio
- **Tech Stack:** Python, FastAPI, LangChain, Groq LLM, ChromaDB, Twilio, ElevenLabs
- **GitHub Repo:** <https://github.com/1Khizar/FlameUP-Resturant-Chatbot.git>

Revnix AI Chatbot

- Built a RAG-based chatbot delivering context-aware answers from company data.
- Scrapes documents, converts to embeddings and retrieves relevant context via Pinecone vector DB.
- **GitHub Repo:** <https://github.com/1Khizar/Revnix-AI-Chatbot.git>

Sentiment Analysis System

- Developed a complete MLOps pipeline using Python, Machine Learning, NLP, DVC tracking, FastAPI, MLflow/DagsHub, and Docker.
- Implemented automated data versioning, model training, and evaluation pipelines.

Customer Segmentation Dashboard

- Built customer segmentation and behavior prediction dashboard using ML
- Visualized data using interactive charts and actionable insights.
- Enabled businesses to make data-driven decisions effectively.

Fake News Detection Web App

- Developed an AI-powered web application using Python, ML, and NLP for fake news detection.
 - Built an interactive web interface for classification of news.
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