Qaisar Mateen

BS (Computer Science) – Artificial Intelligence / Machine Learning Engineering

Portfolio Website:

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About Me

Dedicated AI/ML Engineer with expertise in developing innovative solutions ranging from reasoning RAG chatbots to multi-omics frameworks for cancer biomarker discovery. Awarded multiple academic honors, including 2 gold medals, with a track record in collaborative projects and freelance work.

Education

FAST-National University of Computer and Emerging Sciences, Lahore Campus
[BS (Computer Science) – 2025]
CGPA: 3.8
Unique College
[F.Sc - Pre Engineering – 2021]

Work Experience

Freelance Work

As AI/ML Engineer
- Built personalized RAG chatbots, automated floor plan style transformations with CV + generative AI, delivered SaaS solutions like Practiiz, and other automations for clients.

Mindstrom Studios

Intern Game Programmer – 2023
- Led a collaborative effort with fellow interns to develop and produce an original game title, assuming the roles of both 3D artist and game programmer. Competed in summer game jam.

[Contact: Mohsan Mahmood mohsanmahmood@gmail.com]

Projects

- **AI Voice Agent**: Built an intelligent voice assistant to handle inbound business calls, integrating speech recognition, LLMs, and text-to-speech for natural, human-like conversations.
- **AQUSys:** An AI-Interviewing platform for recruiters. For conducting interviews using AI systems and scoring the candidates to make recruitment cost & time efficient.
- **RAGenius:** A reasoning chatbot to help student better understand their lectures and notes with custom RAG pipeline for better data and context handling.
- **Cancer Bio-marker discovery using AI:** Developed a machine learning and graph neural network models for multi-omics data integration to identify cancer biomarkers, advancing precision oncology.
- **AI travel companion:** build a travel/tour platform with a strong hybrid recommending system using collaborative, content-based and popularity sub-recommenders.
- **AI Shorts Maker:** AI Agent to automate the creation of YouTube Shorts using AI, create a faceless short simply by providing a video topic to talk about and the AI will generate and even upload the video for you, using stock vides and completely in Python.

Activities, Honors & Awards

2 gold medal, 2 Rector and 4 Dean list certificates, Fast NU, Lahore.
Teacher Assistant of Digital Image Processing, FAST NU, Lahore.
Teacher Assistant of Computer Networks**,** FAST NU, Lahore.
Teacher Assistant of DataBase Systems**,** FAST NU, Lahore.

Skills & Tools

LangChain, LangGraph, TensorFlow, PyTorch, scikit- learn, RAG, Lora, Python, C++, C, C#, React.js, n8n, Next.js, Git, GitHub, Dart, Flutter, SQL, NoSQL,