



## Khizer Dawood

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### ABOUT ME

I am from an AI background, with strong experience in machine learning and data science. I completed a Machine Learning internship at Unified Mentor India, where I gained hands-on experience in deploying machine learning models and implementing CI/CD workflows. I am further enhancing my skills through a Data Science Lab course from WorldQuant University. Additionally, I have practical experience working with Tableau for data visualization and dashboard creation, strengthening my ability to turn data insights into actionable results. I am also exploring cutting-edge areas of Generative AI and Retrieval-Augmented Generation (RAG), expanding my expertise in building intelligent AI-driven solutions that integrate knowledge retrieval with generative models.

### WORK EXPERIENCE

 **UNIFIED MENTOR** – MANSEHRA, PAKISTAN

**RESEARCH ENGINEER** – 20/02/2024 – 20/04/2025

- Gained hands-on experience in the tech industry, working with leading machine learning and AI frameworks such as scikit-learn and TensorFlow.
- Developed skills in machine learning model deployment and building end-to-end ML pipelines.
- Completed a key project titled Mobile Phone Pricing, which predicted mobile phone price categories (low, medium, high) based on features like RAM, memory, camera size, and battery capacity.
- Collaborated in a team environment to apply machine learning algorithms, optimize model performance, and deliver actionable insights. Strengthened understanding of practical machine learning workflows and best practices in a real-world business setting.

### EDUCATION AND TRAINING

01/03/2015 – 07/03/2017 Mansehra, Pakistan

**SECONDARY SCHOOL CERTIFICATE** BISE Abbottabad

**Website** <https://www.biseatd.edu.pk/> | **Level in EQF** EQF level 3

01/08/2017 – 01/08/2019 Mansehra, Pakistan

**HSSC / INTERMEDIATE** BISE Abbottabad

**Website** <https://www.biseatd.edu.pk/> | **Level in EQF** EQF level 4

01/09/2021 – 07/07/2025 Mansehra, Pakistan

**BACHELOR** Hazara University Mansehra

**Website** <https://hu.edu.pk/> | **Level in EQF** EQF level 6

### SKILLS

Languages: Python, JavaScript, HTML, CSS | Databases: MySQL, MongoDB, DynamoDB | Machine Learning | AI & ML Frameworks: Scikit-learn, pandas, Numpy, Seaborn, Pytorch, pySpark, TensorFlow. | LLM(Large Language Models): Prompt engineering, application integration using OpenAI & Hugging Face | NLP: Text processing, classification, embeddings | Computer Vision: Image processing, object detection, model deployment | Agentic AI: Building and deploying multi-agent systems | Version Control & DevOps: Git, CI/CD basics | Cloud Platforms: AWS

● **PROJECTS**

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20/02/2025 – 20/04/2025

**Mobile\_Phone\_Pricing\_Prediction | Machine Learning Model, Python**

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Machine Learning Model that predict the prices of the mobile phones according to the specifications of the mobile phone  
Tools: Python, Scikit-Learn, Pandas, Git, MySQL

20/02/2025 – 16/04/2025

**Heart\_Diseases\_Prediction | Computer Vision, Python**

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Computer Vision model that predict the heart diseases according to given (e.g. ECG images, echocardiograms, MRI scans) of the patient’s heart.  
Tools: Python, openCV, CI/CD pipelines, Scikit-learn, Dockers, AWS

01/10/2024 – 01/06/2025

**Quiz Runner Over A Restricted Network**

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It’s a **Streamlit-based quiz platform**.  
Roles: **Teachers** and **Students**.  
**Authentication** is handled in app.py (with Firebase + Firestore).  
**Teacher Dashboard (teacher\_dashboard.py):**

- Upload a PDF → extract text → generate MCQs using GPT.
- Publish quiz with **title + duration (minutes, immediate availability)**.
- Manage student registration requests (accept/reject).
- View and delete student quiz results.

**Student Dashboard (student\_dashboard.py):**

- Browse all teachers and send registration requests.
- Attempt available quizzes during the active duration.
- View and delete past results.

The system supports **MCQ generation** via GPT (your replacement for Hugging Face), returning question, answer, options.  
You wanted it to work even in **restricted network setups**, meaning lightweight, self-contained, and without heavy external dependencies except Firebase + OpenAI API.

Link [https://github.com/Khizer-khan701/Quiz\\_Runner2](https://github.com/Khizer-khan701/Quiz_Runner2)

01/08/2024 – 10/10/2024

**Classerly Education Project | Web Application , Mobile Application, React**

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Classerly is the web and mobile application for the school of canada. In this Application students, parents and teachers and check the progress of the student and the daily homework of the students.  
Tools: JSX, react native, react.js, Talwind CSS, Git

Link <https://github.com/meeza183/education-app>

● **LANGUAGE SKILLS**

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Mother tongue(s): **URDU**  
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **HOBBIES AND INTERESTS**

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Sports

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Travelling

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