

SAFIULLAH HUMAYUN

COMPUTER ENGINEER

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OBJECTIVE

A hardworking passionate Computer Engineer with exceptional team working abilities. Looking for a challenging and diverse environment in an organization which can improve my skillset.

EXPERIENCE

February 2024 - Present

AI Developer – Octaloo Technologies

- Extracted data from GraphQL APIs and made functions for them for project use case.
- Worked on developing chatbots using Large Language Models (LLMs).

September 2022 - Present

Freelancing – Flutter Application Development

- Developed the Learning Management System for a School.
- Developed and deployed multiple game applications.
- Developed music application.

September 2020 – December 2020

Intern – Mobile Application Development – Munzesta Solutions

- Learned the basics of flutter and Dart
- Developed some Basic UI's like Dice application, BMI calculator.

PROJECTS

RuleSeer- Board Game Assistance Website & Chatbot

- Developed Admin & User side chatbots using OpenAI, Prompt engineering, pinecone vectorDB, MongoDB.
- Developed a recommendation system for the website.

AI Security System (FYP)

- Developed a real-time face recognition system using Jetson Nano, Yolo v8 and Yolo v4 for home security.

AI Home Security Door Lock System

- Developed the functionality of face and sign recognition using Haar Cascade classifier, pixel difference calculations and facenet model.

Python Image Analysis

- Analyzed lung X-rays using machine learning and image segmentation techniques.

Learning Management System App

- Developed an LMS app with sign-in, course enrollments, and chat features.

EDUCATION

National University of Sciences and Technology (NUST), Rawalpindi.
Bachelors in Computer Engineering

COURSES

1. Artificial Intelligence
2. Digital Image Processing
3. Database Engineering
4. Object Oriented Programming
5. Data Structures
6. Mobile Application Development

KEY SKILLS

1. Languages (Python, C++, Dart)
2. Tools & Frameworks (FastAPI, Flask, Flutter, Tensorflow, LangChain, OpenCV, OpenAI API, Git, Pytorch, Keras, Hugging Face)
3. Databases (MongoDB, Pinecone vector DB, MySQL)

SOFT SKILLS

1. Team Management
2. Teamwork
3. Photography
4. Analytical thinking

CERTIFICATIONS

<https://coursera.org/share/dd8c7d2613e401e9f09aa1c8e9c0438b>

<https://coursera.org/share/db7113b2ba28868f1272566c643f1c27>

LEADERSHIP

COMPPEC'22 at CEME, NUST

- Led the teams of photography and videography, and covered the whole event successfully.