AHMED MUJTABA BUTT

@ ahmedmujtababutt02@gmail.com ☎ +92 (333) 869-4728 📍 Rawalpindi, Pakistan 🌐 ahmedmujtaba.pages.dev
in ahmed-mujtaba-butt ⎔ ahmedmbutt

EXPERIENCE

Backend Developer
Bizwitt

📅 Oct 2023 – Ongoing 📍 Remote

- Engineered mobile app backends using Dart & Firebase, enhancing application functionality and performance
- Constructed web app backends using Node.js & MongoDB, optimizing data management and system performance
- Spearheaded a team of fellow classmates, ensuring timely project delivery and adherence to requirements for successful outcomes

AI/ML Intern
One Network

📅 Aug 2023 – Sep 2023 📍 On-site

- Conducted data cleaning, annotation, and augmentation
- Assisted in developing an Auto-Vehicle Categorization (AVC) project using a semi-supervised learning approach based on YOLOv8
- Supported the deployment of AVC on motorways and toll plazas
- Conducted internal testing of the M-Tag One Network App

Python Developer
Skillibility

📅 Sep 2022 – Oct 2022 📍 Hybrid

- Developed a Python-based Resume Parser module to extract relevant information from resumes
- Achieved an 80-85% accuracy rate after multiple module revisions

PROJECTS

Shakespeare's Writing Generator
Python, TensorFlow

Created a deep learning model using Recurrent Neural Networks (RNN) with Long Short-Term Memory (LSTM) cells to generate Shakespearean writing

Stop Sign Classification
Python, PyTorch

Developed a deep learning model for stop sign classification using transfer learning from a pre-trained ResNet-18 model

Department Dashboard
MongoDB, Express.js, React, Node.js, Redux, MUI

A dashboard for the department of Software Engineering at NUST which allows students to view their grades, attendance, and other information, allows the teachers to upload grades and attendance, and allows the admin to manage the users

EDUCATION

B.E. in Software Engineering
National University of Sciences & Technology (NUST)

📅 Nov 2020 – Ongoing

Current CGPA: 3.90

A-Level
St. Mary's Academy

📅 2018 – 2020

Achieved 4A* grades

O-Level
St. Mary's Academy

📅 2015 – 2018

Achieved 5A*, 3A, and 1B grades

SKILLS

Keras | TensorFlow | PyTorch | OpenCV
MongoDB | Express.js | React | Node.js
EJS | Flask | Dart | Flutter | Firebase
C | C++ | Java | Python | JavaScript
SQL | MySQL | Assembly | MATLAB

CERTIFICATIONS

Machine Learning with Python
Coursera | IBM

Introduction to Computer Vision and Image Processing
Coursera | IBM

Natural Language Processing in TensorFlow
Coursera | DeepLearning.AI

PUBLICATIONS

Using PCA for Data Reduction and Face Recognition on LFW Dataset
Medium | Python in Plain English

How to Handle Missing Data
Medium | Python in Plain English

From HTML to Node.js: 12 Mini Web Projects to Boost Your Web Development Skills
Medium