MUHAMMAD AAMIR ZAMAN

COMPUTER ENGINEER | WEB DEVELOPER

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KAHUTA, RAWALPINDI

CAREER GOAL

A motivated, adaptable and responsible Computer Engineer seeking an opportunity in a competitive environment to test my skills, learn, improve and give valuable output to the organization.

EDUCATION

BS COMPUTER ENGINEERING
2017 – 2021 | UET TAXILA (KICSIT)
CGPA: 3.39/4

FSC. ICS
2014 – 2016 | KRL MODEL COLLEGE FOR BOYS KAHUTA
(FIRST DIVISION)

EXPERIENCE

Software Engineer at CodeFulcrum
– December 2021 – FEB 2023
– Python Backend Developer

SKILLS

Languages: C, C++, Python, HTML, CSS, JS
Database: MySQL, MongoDB, Postgres
DevOps: AWS
Frameworks: Django, Flask
Softwares & Tools: Microsoft Visual Studio, IntelliJ idea, PyCharm, Git, MATLAB, Proteus, AutoCAD, Jupyter Notebook, SolidWorks, Cisco Packet Tracer, DEV, Postman, DataGrip, MS Office etc.

CERTIFICATES

– 1 Day workshop of Solar Photovoltaic System Design and Installation at EME, NUST
– Runner Up in Software Project Exhibition at KTECH 2018
– Appreciation Certificate by Institute of Space and Technology for getting 1st position in IEP FYP competition (2021)

PROJECTS

Deficiency Tracker
– A web app acting as hospital management system where hospital staff and doctors manage patients cases.
– Technologies: Python Django, MySQL

MIPS
– A web app where Hospital data related to patients is analyzed and processed.
– Technologies: Python Django, Postgres
– Integrations: Sendgrid

AV-AIM
– An image processing based web app where images were generated using pillow library.
– Technologies: Python, AWS lambdas, AWS SQS queue

Store Management System
– Developed a store management system using C++ and Data structure concepts

**AI Based Driverless CAR Using High Computational Embedded System
(Final Year Project)**
– Worked on Jetson Nano (an Embedded GPU)
– Python Programming for Jetson Nano
– C Programming for Arduino
– Best Project Award in Computer/Software Department by Institute of Engineers Pakistan, 2021
– Best FYP Award, 2021 UET Taxila (KICSIT)

Small Projects:
– TODO List web application using Flask & Django
– Post book a CRUD web application using Django
– Real time crypto currency viewer using Django Channels