

Muhammad Affan

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Education

Fast Nuces Lahore

Expected May 2025

Bachelor of Science in Computer Science

Lahore, Punjab

- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat, Linear Algebra, Software For Mobile Devices, Software Engineering, Artificial Intelligence

Experience

OneDown Solutions

October 2024 – June 2025

Junior Python/AI Engineer

Remote, Pakistan

- Worked on Humanized AI-Bot
- Worked on LangChain,Groq,Gemini for AI-Powered Web Apps

KCubeAI

June 2025 – October 2025

Associate Full Stack Developer

Lahore, Pakistan

- Worked on Python/React to develop full-stack AI powered web apps
- Worked on a web-based video Editor developed on Python/React

Projects

Robotics Library | *DjangoRestFramework,Node-Red, ApScheduler, HTML5, CSS3*

- Created an API that received data from android app and feed to PLCs(Electrical system of Library)
- Reduced students book-borrowing,return time to less than 90 seconds
- The Project is up and running from 6 months

ERP | *Python Django, SQL server, HTML5, CSS3, BootStrap, MVT architecture*

- Developed an ERP system including accounting, HR, payroll, and all reports for a Garments manufacturing company during my Internship
- The system is up and working from last 5 months <http://24.199.125.167/>

ChargeX | *Java, XML, Spring Boot, Android Studio, Stripe SDK, Firebase Firestore*

- Developed an Android app to locate and book EV charging stations
- Integrated Google Maps SDK for navigation and Stripe SDK for online payments
- You can view GitHub repo at: <https://github.com/KeepCoding365days/ChargeX>

Web3.0 Rock,Paper, and Scissors | *ReactJS, Solidity, EtherJS , Tailwind CSS,MongoDB*

- Created a Web3.0 RPS game users can challenge others and play to win crypto
- You can play at <https://rock-paper-scissor-git-af29e4-muhammad-affans-projects-85694960.vercel.app/>

Certificates

Data Science Job Simulation

January 2024

by BCGX through Forage

Getting started with Data Engineering on Azure

Nov 2023

by Microsoft

Django Web Framework

Dec 2023

by Meta

Technical Skills

Languages: Python, C, C++, Java, Solidity, JavaScript

Technologies: React.js, Django, DjangoRestFrameWork,Express,NodeJS,Mongo,Firebase TensorFlow, Bootstrap, Android SDK, NextJS, Scikit-Learn, Pandas, Seaborn, Tailwind CSS, Azure Synapse Analytics, Azure DataFactory,OpenAI SDK

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing