

Muhammad Abdullah

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EDUCATION

FAST National University of Computer and Emerging Sciences

B.S. Computer Science; GPA: 3.25/4.00

SuperNova School

GCSE A levels; Percentage: 73%

Westminster School & College

GCSE O levels; Percentage: 70%

Peshawar, Pakistan

Sep 2019 – Jun 2023 (Expected)

Islamabad, Pakistan

Sep 2017 – Jun 2019

Islamabad, Pakistan

Sep 2014 – Jun 2017

WORK EXPERIENCE

Teaching Assistant

FAST National University of Computer and Emerging Sciences

- Assisting students with debugging and troubleshooting web development projects.
- Grading assignments and providing constructive feedback to students.
- Staying up-to-date on the latest web development trends and technologies to ensure the course materials are current and relevant.

Jan 2023 – Jun 2023

Peshawar, Pakistan

Freelancer

Fiverr/Upwork

- Building portfolio websites using JavaScript for clients to showcase their skills
- Containerization of client's website for scaling and, monitoring using kubernetes.
- Developing and maintaining database systems using SQL to ensure data integrity, security, and performance

Jun 2021 – to-date

Online

PROJECTS

Chess in Metaverse(Metachess)FYP | [GitHub](#)

- Metaverse based VR chess game developed using Unity. All the 3D models are designed using Blender and Unity. The interaction between unity and Oculus is done using Ready Player Me.
- Aside from basic moves, this mini chess engine also implements chess rules such as castling, en passant, fifty-move rule, threefold repetition, and pawn promotion.

Stock prediction using Machine learning | [GitHub](#)

- An ML project in which I have used ETL before model evaluation. In this project I have used 3 models; Logistic Regression, Support Vector Machine, XGBClassifier.
- Then based on their performance on the training and validation data I have choose which ML model is serving the purpose at hand better.

P2P centralized file system | [GitHub](#)

- This application is a P2P file sharing system with a centralized index (CI), in which peers who wish to download a file that they do not have in their hard drive, may download it from another active peer who does. All communication among peers or between a peer and the server will take place over TCP.

Portfolio website | [Website](#)

- A portfolio website build using React as front-end and used Sanity as back-end. Website is hosted on netlify.
- It is scalable and mobile friendly as well as web based. Include About, skills, work, and contact information in varies animated cards.

Crypto transfer Mern based Dapp | [Websit](#)

- A project where users can transfer Ethereum. Users connect their wallet through Metamask and from smart contract written in solidity, all the transaction takes place.
- After the transaction is successfully done a card in which sender and receiver address information stored with a Gif will be uploaded on the website through blockchain.

Showcasing 3D models using React-Three-fiber | [Github](#)

- Users can interact with the models by rotating, zooming, and panning them using mouse or touch gestures. They can also change the background and lighting of the environment
- The showcase allows for the easy integration of 3D models into web applications, making it an excellent tool for businesses and organizations that need to showcase products or designs.

Tetris game in flutter | [Github](#)

- The interface includes a game board, where the game pieces or "tetriminoes" fall from the top of the screen, and the player must rotate and move them to create complete horizontal lines without any gaps.
- The game also includes interactive elements such as buttons for starting and pausing the game, a score counter, and sound effects for when the tetriminoes are rotated or placed.

SKILLS

Programming: Python, C++, C#, Solidity, JS, Shell scripting(Bash, PowerShell, and Zsh), Dart

Technologies: Git, Docker, Kubernetes, React, Node.js, Firebase, MongoDB, MySQL, Odoo, AWS, Azure