Abdullah Raheel

Driven student, Full-Stack Developer. Quite fervent about solving problems and coding in general. Have a growth mindset who sees problems as learning opportunities.

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PROJECTS

Cryptocurrency Wallet   FE: Link   BE: Link

Crypto Wallet with latest crypto prices, where user can manage their balance, buy, sell send and receive their currencies. User can login and signup with OTP functionality. Wallet updates prices automatically with the help of APIs. Created on **MERN Stack**, used Redux Toolkit on the frontend and **Mongo DB** on the backend.

Visualized-Pathfinding-GUI   Link

Finding the shortest path between two points using A* Algorithms. Fully interactive GUI, Algorithm is run in real time and how it traverses different nodes is displayed using a colorful grid. Made using Tkinter, Pygame, Python.

Self-Evaluation-Website   Link

Web Application that can handle multiple concurrent users. Provides google classroom's functionality. Teachers can create assignments and classrooms. Students can solve and review assignments. An intuitive front-end built on HTML and CSS. that is connected to a back-end built on Flask and Database used was MySQL.

Dynamic Programmer   Link

Desktop Application built on Electron and JavaScript that can solve 10 famous problems such as Matrix Chain Multiplication, Word-Break, Coin Change, LCS, LIS and others. Inputs are randomized and time taken is measured. Solutions are offered where possible. Beautiful frontend built using HTML and CSS with fluid animations using GSAP-3.

EXPERIENCE

Freelancing, Upwork, Fiverr — *2020 to Present*

Created a Cryptocurrency Wallet on MERN stack, created a Task Management System. Taught Data Structures to a student and helped them achieve an A+ in their final exam. Fixed a client's CSS styling on their website and made it pixel perfect. Made a blog for a client using Django, HTML and CSS.

Peer Tutoring, Beaconhouse School System — *2017 to 2018*

Taught Computer Science to 2 pupils with substandard grades, 3 sessions a week. Checked their assignments and maintained their study schedule.

EDUCATION

NUCES-FAST University, Karachi Pakistan: Bachelor of Computer Science,

August 2018 - May 2022 (Expected): **CGPA: 3.3 out of 4.0**

SKILLS

Languages: Java, C#, C, C++14, Python, JavaScript, HTML, CSS, SQL.

Frameworks: React.js, React Native, Django, Flask.

Databases: OracleSQL, MySQL, SQLite, SQL Server, MongoDB, Redis.

Tools: Git, Electron, Capacitor, Jupyter, Android Studio, Linux (Kali, Ubuntu, Mint).

Python Libraries: Pandas, NumPy, Seaborn, Matplotlib, Keras, TensorFlow, Scikit-Learn.

AWARDS

President of E-Gaming Society (A-Levels)
- Coordinated multiple events and raised over PKR 12000 for charity.
- Overhauled the society structure.
- Refined the contributions made by the society members.

Lead a team in Procom at NUCES FAST which went on to be the best performing speed coding team from the whole batch of 2018.

Member of the Dean's List **5th** Semester NUCES-FAST.