Muhammad Mujeeb

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Education

Bahria University   **2020-2024**
Bachelors of Computer Engineering
Grade: CGPA (3.41/4.0)

Govt. P.E.C.H.S Foundation Boys College   **2018-2020**
Intermediate in Pre- Engineering

Experience

CRYSTAL SYSTEM (SAP BW/BI CONSULTANT)

July, 2024 – Oct, 2024

- Worked there, on the design and implementation of SAP Business Warehouse (BW) and Business Intelligence (BI) solutions for a Remote Project.

CRYSTAL ACADEMY: (Power BI SPECIALIST TRAINEE)

March, 2024 – May, 2024

- Worked on Microsoft Power BI, Designing Interactive Dashboards and Reports.

WAAPS DEVELOPERS: (JUNIOR .NET DEVELOPER INTERN)

Sep, 2023 – Nov, 2023

- Contributed to the development of a Learning Management System (LMS) using .NET technologies.

ENABLERS: (AMAZON VIRTUAL ASSISTANT INTERN)

March, 2023 – May, 2023

- Assisted as an Amazon Virtual Assistant for the UAE marketplace, providing support in hunting and optimizing product's aspects.

Technical Skills and Projects

Programming:	C++, React.Js, Node.Js, Express.Js, SQL, Java, HTML5, CSS3, Python.
Micro-Controllers:	RaspberryPi, Arduino, 8086 Microcontroller.
Designing:	Proteus, Diptrace, Multisim, Cisco Packet Tracer, etc.

Final Year Project:
Smart Blind Stick (Stick for Physical Assistance for Visually Impaired) - (May, 2024)
- Created a dataset and preprocessing algorithm for detecting various obstacles.
- Studied multiple Algorithms for Obstacle detection, Calculation and Recognition.
- Applied and deployment all these algorithms on Raspberry Pi for real time Processing.
- As a result, Smart Blind Stick was able to Detect, Alert and Recognize various obstacle around.
- Integrated multiple sensors with a Firebase Database which alerted the visually impaired person through the voice commands integrated with a Mobile Application.

Related Projects:
- Arduino controlled Bluetooth LED Lights.
- Fire Alaram System using Breadboard.
- Solar Powered Mobile Charger.
- 7- Segment LED Display using Latches on Breadboard.
- Mobile Phone Indicator using Breadboard.

Software Based Projects:
- Blogs Using MERN Stack ES6.
- Student Management System Using SQL on MS SQL Server Management Studio.
- Project Management System using Data Structures C++.
- Student Management System and connecting it on MS Access using JAVA (OOP).
- Quiz Game using C++.

Awards

- Awarded a laptop under the PM Youth Laptop Scheme on merit.   **Nov, 2023**

Certifications

- Microsoft Power BI (Crystal Academy).
- MERN Stack ES6 (Sindh IT Academia Bridge Program 2023).
- SQL Fundamentals (Data Camp).
- Flutter for Android and IOS (Bahria University)

Leadership

Team Lead in Final Year Project   **Sep, 2023 - May,2024**
- Led a team of three in developing a comprehensive Smart Blind Stick FYP Project.
- Oversaw the project lifecycle, from requirements gathering and system design to implementation and testing.
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Languages

- English
- Urdu
- Sindhi