Qurat Ul Ain

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EDUCATION

Air University, Islamabad

Bachelor's in computer science   2021 – Present

Relevant Courses: *Programming Fundamentals, Object oriented Programing (OOP), Data Structures, Database Management System, Design and Analysis of Algorithm, Full-Stack Web Development, Software Engineering, Artificial Intelligence*

FG Post Graduate College for women, Wah Cantt   2019 – 2021

HSSC *(Higher Secondary School Certificate)* **– 93%**

Sir Syed School and College Campus 4, Wah Cantt   2017–2019

SSC *(Secondary School Certificate)* **– 86%**

WORK EXPERIENCE

React Development Intern, Codex Cue   May 2024 – June 2024

◼ Completed an internship focused on React development, enhancing skills in building dynamic and responsive web applications.

Developed components using state and props management, implemented API integrations, and created user-friendly interfaces.

Infinity Tech Lab, Paid Project

◼ Collaborated with a group mate to deliver a professional web-based solution as a paid project for Infinity Tech Lab. Focused on developing scalable features, ensuring code quality, and meeting client requirements within tight deadlines. Contributed to the project's success by combining technical expertise and teamwork.

ACADEMIC PROJECTS

Internship Log – Final Year Project

◼ Developed a web-based platform using framework next.js to manage internship-related activities, enabling students to explore, apply for internships, and track their progress. Integrated industry partnerships, allowing companies to post internships, assign tasks, and monitor intern performance efficiently.

Hospital Management System: C++, OOP

◼ Developed a software solution to automate and streamline hospital operations. Integrated features such as patient record management, appointment scheduling, and billing. Applied object-oriented programming principles, designed user-friendly interfaces. Reduced manual workload, improved data accuracy, and enhanced appointment management efficiency.

Hand Gesture Turtle Game – Python

◼ Developed an interactive hand gesture game using Python's Turtle graphics, OpenCV and media pipe library. The game utilizes hand movements to control the movement of a turtle. This project showcases my skills in computer vision, motion detection.

Other Projects:

- Automated parking space allocation and fee calculation using Assembly language – Parking management system.
- Efficiently managed and searched phone records using data structures like arrays and linked lists – Phone Directory.
- Built a responsive and user-friendly platform for managing charity events and donations using C#.
- Designed a database system for tracking NGO donations, beneficiaries using SQL, Html, CSS.
- Developed a Full Stack Application to manage health care services using MERN stack –Glow Care
- Developed a full-stack application to manage book inventories, sales, and customer profiles using MERN stack.
- Trained a model to do sentimental analysis on a dataset in Artificial Intelligence using Python.

VOLUNTEER WORK

Developing Youth Aspirations   2018 - 2021

◼ Delivered soft skill-based sessions impacting 2,200+ underserved students in Lahore, Islamabad, and Wahcantt. Granted 5M+ PKR in scholarships at all education levels and supported 350+ families with ration distribution during COVID'19.

Women in Computing Club, AUCIS   2023 – 2024

◼ Played a key role in organizing empowerment events, focusing on technical skill development in computing. Coordinated workshops, seminars, centered on topics like Tech coding bootcamps, and women-led innovation initiatives.

Robotics and Automation Society (RAAS)   2024 – present

◼ Led the video editing team to produce engaging content for promotional and educational purposes, enhancing society's outreach. Coordinated multimedia production for robotics events, ensuring high-quality visual materials.

CERTIFICATES

- **WordPress Certificate (Coursera):** Certified in website development and content management using WordPress**.**
- **Relational Database Certificate (Coursera**): Certified in database design and management.
- **Web Development Bootcamp**: Completed a bootcamp on modern web technologies.

SKILLS

- **Programming Languages/Frameworks**– C++, Python, C#, HTML, CSS, JavaScript, Assembly Language, Flutter, MERN, Next.js, ASP
- **. Others**– Microsoft Office – Word, PowerPoint, Excel, Canva, WordPress
- **Languages**– Urdu, English