MUQADAS ZAHRA

Software Engineer

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📍 Chakwal, Pakistan

SUMMARY

Motivated and detail-oriented Software Engineering student at NUST with a strong focus on web development. Gained practical experience as a remote intern at online companies, where I worked on diverse projects, honing my skills in HTML, CSS, JavaScript, python, and frameworks like Django. As a dedicated problem solver, I actively engage with LeetCode to enhance my data structures and algorithms expertise and active Participant in hackathons. I bring a combination of academic knowledge and hands-on experience to deliver high-quality software solution

EXPERIENCE

Student, Software Engineering

📅 2022 - Present

I am currently pursuing a Bachelor's degree in Software Engineering at NUST, now in my 5th semester. I have acquired foundational knowledge in data structures and algorithms, databases, operating systems, computer networks, and various programming languages. I started my coding journey in 2021 and actively participate in hackathons, use LeetCode for practice, and develop personal projects.

PROJECTS

Search Engine

Semester Project
Developed a search engine for a Data Structures and Algorithms semester project, leveraging C++ for backend processing and Python for scripting. Integrated key concepts such as efficient database management, advanced word parsing, and optimized page loading to enhance search speed and accuracy. Designed a responsive and user-friendly interface using HTML and CSS. This project showcases a strong understanding of DSA principles and their practical application in building efficient and user-centric software solutions.

IT Factory Database

Developed a comprehensive database management system for an IT factory as a semester project in Database Systems. This project involved designing and implementing a real-world database to store and manage all factory activities, ensuring efficient data handling and retrieval. Utilized SQL for robust database creation and manipulation, and employed HTML, CSS, and JavaScript to develop a user-friendly frontend interface. The backend was engineered to seamlessly integrate with the frontend, providing a smooth and responsive user experience. This project demonstrates a solid grasp of database principles and the ability to create functional, real-world applications.

Mz Horizen

The MZ Horizen project is a comprehensive tutorial website designed to provide an engaging and interactive learning experience. It features user authentication, responsive page handling, ensuring seamless navigation and accessibility across various devices, including desktops, tablets, and smartphones and include the use of html, CSS, JS and GSAP library. The project incorporates advanced animation effects to enhance user engagement and visual appeal.

LANGUAGES

English ●●●●●

Urdu ●●●●○

EDUCATION

Bachelor in Software Engineering

NUST University, Pakistan

📅 2026
- CGPA: 3.25

HSSC

The Scholar's College-Chakwal

📅 2021
- ICS
- Rawalpindi Board   96%

SSC

Hira Secondary School - Chakwal

📅 2021
- Science group
- Rawalpindi Board   90.72%

SKILLS

Coding

Java	Javascript	Python	HTML
Django	CSS	C/C++	MY SQL

KEY ACHIEVEMENTS

💎 **Leetcode problem Solver**
Solved over 150 LeetCode problems, showcasing my strong problem-solving skills and deep understanding of data structures and algorithms. This achievement reflects my commitment to continuous learning and ability to tackle complex coding challenges efficiently.

💎 **International Hackathons**
Winner of the Wordsprint Hackathon and participant in the Lablab AI Hackathon.

PROJECTS

Personal Portfolio

Designed and developed a personal portfolio website using HTML, CSS, Javascript. Implemented a contact form and integrated social media links. Focused on creating a visually appealing and easy-to-navigate sit.