Mahzil Sohail

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SUMMARY

A detail-oriented Software Engineering student with expertise in front-end development, object-oriented programming, and collaborative project work, skilled in HTML, CSS, JavaScript, SQL and C++, with a passion for creating user-friendly and impactful tech solutions.

EDUCATION & LEARNING

Bachelor of Software Engineering	Superior University	2023-2027
5th semester	3.67cgpa	
Intermediate: KIPS College	FSc Pre-Medical	2021-2023
Matric: Pride Public High School	Biology	2019-2021

SKILLS

Programming	I have a strong grip on C++ and a basic understanding of JavaScript. I've used data structures like linked lists and queues in academic projects and applied OOP concepts such as classes and inheritance in small applications.
Database System	I used MySQL in my DBMS project to create and manage a Hotel Management Database. I wrote queries to insert, update, and retrieve data, and I have a basic understanding of how to connect the database with backend code using PHP.
UI/UX Design	I have redesigned mobile app interfaces like Food Panda, Gmail, and Clock using Figma, focusing on layout, color consistency, and user flow.
Web Development	I have built a static website using HTML and CSS as part of a semester project. I also have knowledge of frontend layout, responsiveness, and user-focused design. Well known about Next.js, React.js & tailwindCSS.
Strong Management & Communication	I'm comfortable working with teams and managing tasks. I've handled academic project coordination, and I have strong written and verbal communication skills. I enjoy collaborating and staying organized.

PROJECTS

Hotel Management System	This project was developed using MySQL for backend data management and HTML/CSS for the frontend interface. It includes modules for managing hotel room bookings, customer details, payments, and basic restaurant orders. I designed the database schema, created multiple tables, wrote SQL queries, and built a simple web interface for interaction with the system.
Song Playlist	This project was developed in C++ using basic data structures. It allows users to add, search, update, and delete songs through a command-line interface. File handling was used to store data permanently.
Library Management System	This project was developed using C++ as part of the Operating Systems course. It manages book records using linked lists and file handling. Users can add, issue, return, and delete books through a console-based interface. The project also includes FIFO scheduling to simulate book issuing order, giving it a real-world process management touch.
Flappy Bird Game	This project was developed using C++ concepts of OOP and DSA. Allows bird to fly and pass through the walls.
Netflix Clone	The static website was built using HTML and CSS for an academic project. It includes sections like homepage with a clean, user-friendly layout.

CERTIFICATION

• Introduction to SQL	Sololearn
• Introduction to HTML	Sololearn
• Introduction to CSS	Sololearn