WALEED AFZAL

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SUMMARY

Enthusiastic Computer Science student at FAST NUCES with hands-on experience in web development using HTML, CSS, and JavaScript. Skilled in C/C++, Python, SQL, and familiar with Assembly language, databases, and operating systems. Currently working on freelance and personal projects to strengthen both frontend and core programming skills.

PROJECTS

Game Store Management System   April 2025

- Technologies: Visual Basic, SQL Server, Microsoft Visual Studio 2022
- Built a desktop-based game store system for managing games, users, purchases, and inventory
- Implemented SQL database for secure data storage and retrieval
- Features included login system, purchase history, and admin control panel

Operating System Simulation   May 2025

- Technologies: C++, File Handling, Process Scheduling
- Simulated basic OS functionalities like file management, process scheduling, and memory handling
- Developed in C++ as part of the Operating Systems course
- Demonstrated concepts like multithreading, queues, and process lifecycle

Expense Tracker System   Jan 2024

- Technologies: C++ (OOP Concepts)
- Designed a console-based expense tracking tool with user login, category-wise tracking, and reports
- Implemented using classes, inheritance, and file handling
- Focused on applying object-oriented design and modular code structure

EDUCATION

Bachelor of Computer Science   Aug 2023 - 2027

- FAST NUCES
- Currently enrolled, focusing on core subjects.

Intermediate in Pre-Engineering   Jan 2020-July 2022

- Completed with strong foundation in Mathematics, Physics, and CS.

Matriculation   2020

- St. Bonaventure High School, Hyderabad

KEY SKILLS

Programming Languages
C, C++, Python, JavaScript, SQL, Assembly (Basics)

Web Development
HTML5, CSS3, JavaScript (ES6+), React, Node JS

Tools & Technologies
Visual Studio 2022, Git & GitHub, SQLite, MySQL, VB.NET, Command Line

CS Concepts
OOP, DSA, Operating Systems, File Handling, Database Management