Summary

I am a student at the University of Engineering and Technology, Lahore. I have several years of experience in software development. And I am also a mentor in Germany, USA and India. And I am hoping learn and build more as I progress throughout the upcoming years.

Software Developer

Waleed Ahmed

Contacts

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Languages

- English
- Urdu

Technical Skills

- Assembly Language
- C / C++
- C#
- CUDA
- CSS
- DSA
- HTML
- MS SQL Server
- My SQL
- OOP
- Shell Scripting
- Cloud Computing

Soft Skills

- Problem Solving
- Creativity
- Teamwork
- Communication
- Adaptability

Experience

Assembly Language

Temperature Detector: Created a temperature converter in assembly language. The purpose of this project was to create a system that creates a certain sound and powers a mini motor sized fan based on certain conditions such as when a certain temperature threshold is passed. This project was created in order to learn the basics of assembly language and understanding how both hardware and software interact with each other.

Operating Systems

Virtual OS: Created a virtual operating system using the major concepts of shell scripting and C. The major purpose of this project was to create an operating system only using C and shell while using the major concepts of threading and piping in bash. And the platform used for this project was Linux(Ubuntu). The GUI library used for this project was GTK.

C++

Business Application: Created a basic business application in C++ using the basics of programming fundamentals. The project also included file handling as well as error handling. The major purpose of the project is to understand the major concepts of programming fundamentals. A mini game was also created using the same concepts of programming fundamentals.

Databases

Business Application: Created a basic business application using .NET WindowsForm framework in C# as well as MS SQL SERVER. The major purpose of this project was to create an application that handles data and it's various contents using the major concepts of transaction in database in order to understand how a database can be used locally and modified for certain solutions.

Object-Oriented Programming

Game: Created a basic game with images in .NET WindowsForm framework by using the basic concepts of C# with file handling as well as error handling. A dummy business application was also created in order to understand how the major concepts of Object Oriented Programming are used in order to optimize a code for a certain solution.

Data Structures & Algorithms

Data Manipulator: Created a basic data managing application using the major concepts of python and QT visual designer. The major purpose of this projects was to create an application that uses millions of data as dummy data for algorithms and by using the visual components of the application we can sort data by using any data sorting algorithms.

Education

COMPUTER SCIENCES
University of Engineering & Technology   2022 : 2026

Recently started my 5th Semester at U.E.T. And I am currently an intern in the EduTechnoHacks Internship Program as well as ACM UET Cloud Computing Fellowship Program.

Interests & Certifications

Cloud Computing	**NVIDIA CUDA**	**.NET Framework Development**	**C/C++ Programming**
HackerRank Certifications	**LeetCode Certifications**	**NeetCode Certifications**	**Gaming**