Ahmed Ali

ahmedawan81151@gmail.com | 03167378200 | http://linkedin.com/in/ahmed-ali-1825362a9 | https://github.com/ahmedaliawan09

Qualifications

FAST - National University of Computer and Emerging Sciences   *September 2021 - June 2025*

BS Computer Science | Faisalabad

Punjab Group of Colleges   *2019 - 2021*

FSc. Pre-Engineering | Sargodha

Frameworks

Web Interface and Development	React JS, CSS Frameworks (Tailwind CSS)
Database Management	MongoDB, SQL/MySQL
Server-side Development	Node JS and Express JS, JavaScript
Others	POSTMAN, RESTFUL API, Docker

Educational Projects

Job Let - Semester Project   *On Track*

This is a **MERN** (MongoDB + Express JS + React JS + NodeJS) Stack Project. JobLet, a web-based platform, where people can find and post jobs. I implemented the **React Router** library for handling navigation in React. I used **React Hooks** included **useState** and **useEffect** for effective user input handling and **Fetch API** for data retrieval from the server side.**Tailwind CSS** styling complements used in the project for a good interface.

Shopping Store– Data-Base Management
Developed a database management system for a shopping store using SQL for data manipulation and C# for application development. Integrated SQL queries with C# code to efficiently manage inventory, sales, and customer data. Contributed to a comprehensive solution for optimizing store operations and enhancing customer experiences.
https://github.com/ahmedaliawan09/SHOP_MANAGEMENT_DATA_BASE_PROJECT.git

Notepad – Data Structures
Engineered a console-based Notepad application leveraging **AVL** trees and **Huffman encoding** for data management and compression. Integrated advanced data structures to optimize memory usage and text editing functionalities. Contributed to a streamlined solution for efficient text processing and storage.
https://github.com/ahmedaliawan09/NOTE_PAD_EDITOR_.git

Battleship-GAME - Programming Fundamentals
This game is developed in the **C++** language with color graphics displayed on the console including scores. Battleship board is created with **1D array**. Concepts used: **Functions, Loops, Conditions, File Handling.**
https://github.com/ahmedaliawan09/batttleship_game_programming_fundamentals.git

Inventory Management System - OOP Project

Designed and implemented an **inventory management system** utilizing **file handling** and **OOP** concepts. Enhanced user experience with **color graphics** in the console-based interface. Contributed to streamlined inventory processes and organizational efficiency.

https://github.com/ahmedaliawan09/INVENTORY_MANAGEMENT_SYSTEM_OOP.git

Extra Curricular Activities

FAST Dramatics Society |Media Head   *Current*

**https://www.instagram.com/dramocrat
scfd?igsh=MXNyeTVoYWxxdW1jdA==**

FAST – NUCES

- I am leading a team of nearly **30 members**. Main skills lie in videography, Team Management, Collaboration, Long-term
- Planning.Managed multimedia coverage of **ICIT (International Conference on IT and Industrial Technologies) 2024**, DAIRA'24,producing impactful official videos, and promotional reels, contributing to the event's success.

Other Courses

Youtube course for a thorough understanding of **Git and GitHub.**