Hamza Jadoon

Computer Engineering Student

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Location
Pakistan

Technical Skills

- HTML
- CSS
- JavaScript
- Node.js
- C
- C++
- Python
- GenAI
- PHP
- MySQL
- MS-Office
- Assembly Language
- Machine Learning
- Video Editing (Short-form)
- Problem Solving & Debugging

Profile Summary

Motivated Computer Engineering student with strong interest in web development, Artificial Intelligence and Machine learning. Passionate about building practical solutions and continuously improving technical skills.

Education

Intermediate (Pre-Engineering)

Progressive School and College Abbottabad –2022

Bachelor of Science in Computer Engineering

COMSATS University Islamabad, Abbottabad Campus

CGPA: 3.06/ 4.00 | Year: 2022 – 2026

Work Experience

Video Editor – Travel Guide

Jan 2025 – Present

- Edited short-form videos for TikTok, Instagram Reels, and YouTube Shorts.
- Repurposed long-form content into engaging viral clips.
- Applied color correction, sound design, and transitions.

Projects

GenAI based Shariah Compliant Stock Trade Advisor for Pakistan Stock Exchange(PSX)(A Final Year Project)

Python, LLMs, Streamlit, GrokAI API

- Developed a web-based Stock trade advisor.
- Which fetches all the stocks listed in PSX through API's and predict their potential.
- Guide users whether to invest in that particular stock or not or whats the potential of it in coming 1 month

Pet Zone Website

HTML, CSS, JavaScript, PHP, MySQL

- Developed a pet buying and food ordering platform.
- Stored customer and product data in a database.

Rain Detection System

PIC18F452 | Assembly Language

- Implemented sensor-based rain detection with LCD output.
- Used TMR0 for precise timing and delays.

E-Commerce Online Store

HTML, CSS, JS, PHP, MySQL

- Built authentication, cart, search, and order system.
- Designed responsive UI for mobile and desktop.

Industrial product inspection using DIP techniques

Python, libraries, web application(Streamlit)

- Created a Defect detection system for industrial products.
- Trained model using 6k images.
- Achieved accuracy of 80%.
- Web application built with Streamlit such that we dont need to train the model over and over again.We just gave it training images and it classifies whether it is defective or non defective product.

Project Management and team task division web application

HTML, CSS, JS, NodeJS, MySQL

- Developed a system to manage project and task division.
- Login system for admins and team members.
- Implemented task assignment and progress tracking.