



TAYYAB BASHIR

Software Engineering Undergrad Student

ABOUT ME:

I am a BS Software Engineering student with a growing interest in learning versatile knowledge across different domains of technology. I'm skilled in C++, HTML, and CSS, along with a good understanding of Data Structures and Algorithms in C++. I've also learned JavaScript and MySQL and currently building practical experience.

In addition to programming, I have hands-on experience with WordPress, video editing, and Microsoft Office tools (Word, Excel, PowerPoint). I've also worked on blogging, article writing, storytelling, novel writing, and YouTube automation—blending my technical and creative skills to produce engaging digital content and platforms.

I've worked on several academic and group projects, including automation systems, community welfare, and educational platforms—each helping me gain hands-on experience and team collaboration skills. I'm a fast learner, curious by nature, and always open to exploring new areas in tech. I enjoy combining creativity with logic to solve problems and create meaningful solutions.

CONTACT

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EDUCATION

2021 - 2023

YOUSRA COLLEGE KHANPUR

- FSc Pre-Engineering

2023 - 2027

PAF-IAST HARIPUR PAKISTAN

- Bachelor of Software Engineering
- GPA: 3.16 / 4.0

SKILLS

- HTML5
- Cascading Style Sheets (CSS)
- JavaScript
- MySQL
- C++ / DSA in C++
- WordPress
- Microsoft Office (word + excel + powerpoint)
- Content writer + article writer
- Video Editing
- Problem Solving
- Leadership & Teamwork

LANGUAGES

- Urdu (Fluent)
- English (Intermediate)

EXPERIENCE

• Project Work (Academic & Personal)

- Developed an Automatic Writing Machine as a hardware-software integrated project.
- Created a Tic-Tac-Toe game in C++ and an Online Voting System using Object-Oriented Programming (C++).
- Built several static websites using HTML & CSS, including a NADRA-themed website for a Business Process Engineering project.
- Designed 2-3 WordPress websites for practice—one of them titled History in Danger.

• Projects In Progress

April 2025

- Database Management System : Database project that is focused on managing and organizing structured data
- OS Wallpaper Changer: A simple tool to automatically switch desktop backgrounds on a schedule.
- To-Do List Web App: simple tool using HTML, CSS, and JavaScript with features like adding, deleting, and marking tasks as completed

• Content & Media Creation

2024 - 2025

- Article Writer at Dazzy Apps — Wrote tech and general articles... Contributed to blog content for over a year as part of a friend-run blogging platform.
- YouTube Automation Editor — Edited short and long-form content for faceless YouTube channels using tools like CapCut and AI voiceovers.
- Creative Writer — Write short stories, novels, and Instagram posts based on my own ideas and concepts, blending creativity with social engagement.

AWARDED FOR:

- **Best Hardware-Software Integration** – Automatic Writing Machine project (URAAN 2024 spring - 2nd position in competition)
- Recognized for community service and creative writing contributions in university events and group projects.