

MUHAMMAD ALI ASHRAF

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Summary

As a Computer Science student at FAST NUCES CFD, I am driven by the goal of building **high-quality, user-centric software**. I possess hands-on experience in **full-stack application development**, covering critical areas like **UI/UX design, efficient data handling**, and solid software architecture. I leverage this foundation across a diverse portfolio of projects, from simple command-line tools to complex, large-scale systems.

Skill Highlights

- Project planning and teamwork
- Database with PL/SQL queries
- Figma designs
- Frontend development
- WordPress
- Basic UI/UX design

Experience

Software & Academic Projects — 2023–Present

- **Academic and Full-Stack Development:** Successfully completed several significant academic projects, including a Clothing website developed for SDA, and a google drive console application for Data Structures and Algorithms (DSA) course.
- **Design and Prototyping:** Gained experience in digital design by creating and implementing websites using WordPress and developing UI/UX prototypes for various competitions.
- **Core Programming Applications:** Built functional games like Ping Pong (utilizing Computer Organization and Assembly Language - COAL) and Candy Crush (developed during Programming Fundamentals - PF), alongside a Pack-Man game using Object-Oriented Programming (OOP) principles.
- **Community Engagement:** Actively participated in educational outreach by delivering community-oriented presentations on topics like climate change and weather to local school students

Education

Bachelor of Science: Computer Science — FAST NUCES CFD
(2023–Present)

Languages

- English – Fluent
- Urdu – Native

Certifications

- Battle-101 Coding competition
- SE-Quiz (FAST-NESCON)