

MUHAMMAD ABU BAKAR

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West Colony Jhelum Cantt

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OBJECTIVES

Motivated and diligent Computer Science undergraduate seeking a Teaching Assistant position in the CS Department. Passionate about helping peers understand complex programming concepts and committed to develop a collaborative learning environment.

EDUCATION

BSCS from University of Punjab, Jhelum Campus

Expected Graduation: June 2026

Current CGPA: 3.4/4.0

TECHNICAL SKILLS

- **Languages:** Python, C++, Java, Html, CSS, JS, React, MYSQL
- **Tools/Tech:** Git, VSCODE, Linux, SPYDER, XAMPP
- **Course Work:** DSA, OOP, DBMS

PROJECTS

- Online Library Portal (Web Development)
- Developed a mini-library website using HTML, CSS, and JavaScript
- Integrated a simple search function and responsive design
- Student Attendance System (C++)
- Created a basic attendance recording tool using file handling
- Implemented modular and user-friendly command-line interface

EXPERIENCE

Peer Tutor –PGC (March 2024 – Present)

Assisted classmates in understanding concepts of Data Structures and Algorithms

Conducted weekly doubt-clearing sessions for groups of 5–10 students

Helped students debug code and prepare for midterm evaluations

Freelance Developer – Remote (2023 – Present)

Developed small-scale web applications using HTML, CSS, and JavaScript

Delivered customized projects to local clients using Git for version control

CERTIFICATIONS & ACHIEVEMENTS

Python for Everybody – Coursera (2023)

Problem Solving (Basic) – HackerRank Certification

2nd place in Inter-University Coding Competition – 2024

SOFT SKILLS

Strong communication and presentation

Leadership and teamwork

Time management and attention to detail

LANGUAGES

English – Fluent

Urdu – Native