

# MINAL TAHIR

Computer Science Student

## About Me

Computer Science student at Bahria University with a strong interest in web development, Artificial Intelligence and UI/UX design. Passionate about creating user-friendly digital experiences and eager to apply and expand my skills to make a meaningful impact in the tech industry.



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## LANGUAGE

- English
- Urdu
- Korean (Basic)

## EXPERTISE

- Web Development | Mobile App Development | App Development (C++) | Artificial Intelligence (Machine learning and deep learning) | Assembly Language | Critical Thinking

## LANGUAGES AND TOOLS

- C++ | HTML | CSS | SQL | PHP | java Script | Python | Flutter Dart | Figma (UI\UX) design | React (Basic) | Node.js (Basic) | MediaPipe | TensorFlow | Keras

## EDUCATION

### Bahria University

Bachelor of Computer science  
2022-2026

## PROJECTS

### Student Performance Tracker

Built a Student Performance Tracker App to streamline monitoring of academic progress, attendance, and behavior, enabling data-driven decisions and improving parent-teacher collaboration.

### Blood Bank App

Developed a Flutter-based Blood Bank App connecting donors and recipients, with blood group filtering, WhatsApp integration for direct contact, and Firebase for authentication and real-time data management

### Power Grid Management System

Created a Power Grid Management System for CPPA using HTML, CSS, PHP (frontend) and SQL, JavaScript (backend), enhancing electricity procurement and distribution tracking between GENCOs and DISCOs.

### Portfolio Website

Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects and technical skills with an interactive, user-friendly interface.

### Sign Language Recognition

Assisted in developing a real-time sign language detection system using multi-frame analysis, improving gesture interpretation accuracy. Implemented a hybrid CNN + Transformer model with MediaPipe Holistic, TensorFlow, and Keras for precise action recognition.

## TECH COMMUNITIES

**Technical Core Member, GDGoC (Google Developers Group on Campus), 2024 – 2025:** Actively involved in workshops, tech talks, and community events focused on Google technologies and developer tools

## CERTIFICATIONS & CONFERENCES

- Usher – NIMA Conference (National Institute of Maritime Affairs) 2022.** Received certificate for contribution as an usher at the national-level conference.
- Volunteer – ICRACE'24 (International Conference on Recent Advances in Computer Engineering) - 2024,** Awarded certificate for active contribution during the event.
- Managing Team Member – Dev Summit - 2025,** Recognized with a certificate for successful event management and support as a part of GDGoC Bahria.
- Attended DevFest at GDG cloud, Islamabad - 2024**

## TOOLS

- Visual studio | Visual Studio code | Figma | Canva | Andriod Studio