

TAHREEM SHAHID

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[LinkedIn](#) | [Portfolio](#)

EDUCATION

COMSATS UNIVERSITY ISLAMABAD, LAHORE CAMPUS

Bachelor of Science in Computer Engineering

Lahore, PK

Expected June 2026

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Systems, Mobile Application Development, Operating Systems, Data Communication and Computer Networks, Artificial Intelligence, Microprocessor systems and Interfacing, Electric Circuits Analysis, Digital Logic Design

WORK EXPERIENCE

INTERNSHIP

Web Development Intern

Appverse Technologies

Remote

May - July 2025

FREELANCE

Graphic Designing

2020-2022

- Designed poster, logos and social media graphics for clients
- Used adobe Illustrator and Canva for all projects
- Worked directly with clients to meet their design needs

PROJECTS

ESP-32 Based Multi-pin IC Tester

June 2025

- Developed a portable embedded system using ESP32 for automated testing of 14- and 16-pin DIP ICs, with SD card-based pinout and truth table updates.
- Designed an intuitive interface with a 128x64 OLED display and button controls, supporting WiFi-based IC database management and robust 5V operation via I2C GPIO and level shifters.

Automated Clothing Classification Using Multi-Layer CNNs

June 2025

- Designed and implemented a multi-layer Convolutional Neural Network using TensorFlow and Keras to classify Fashion-MNIST apparel images, achieving a test accuracy of 92.2%—well above the initial 70% target.
- Developed a complete end-to-end workflow, including automated data preprocessing, optimized model training with callbacks, and comprehensive evaluation and visualization of results for robust performance analysis.

Restaurant Food Delivery App

Jan 2025

- Designed and implemented a normalized MS SQL Server database with stored procedures, triggers, and views for efficient order processing and menu management.
- Ensured relational integrity and optimized backend queries for smooth food delivery operations.

Mobile Application of NBA

Dec 2024

- Developed a cross-platform Flutter app displaying NBA stats, teams, and player data via RapidAPI, with real-time updates through asynchronous API calls.
- Created a modern, responsive UI based on provided mockups for a professional user experience

AC to DC smart supply

May 2024

- Designed and assembled a stable AC to DC power supply using diodes, capacitors, and voltage regulators, ensuring efficient and safe DC output.
- Applied circuit theory and tested voltage levels for optimal component selection

ACTIVITIES

DIRECTOR REGISTRATION

Registration head in CDC

CUI Lahore

March 2023

SOCIAL WORK

Volunteered with Kaar-e-Kamal by organizing fund collection and distributing donations to support underprivileged families.

LANGUAGES & SKILLS

Technical Skills: Programming (C/C++, Python, Dart, SQL, JavaScript, PHP, Assembly), Web (HTML, CSS, ReactJS), Flutter, MS SQL Server, GUI Design, REST APIs, GitHub, Linux, Embedded Systems, Canva, Adobe Illustrator