

Shahroon Lodhi

(+92) 324-3799155 — LodhiShahroon@gmail.com
linkedin.com/in/shahroon-lodhi-186b24266

Education

Forman Christian College, Lahore

Bachelors in Computer Science

26 June, 2025

Relevant Coursework: Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Deep Learning, Database Systems, Operating Systems, Computer Networks, Web Development, Parallel & Distributed Computing, Software Engineering, Software Quality Assurance, Data Mining, Compiler Construction.

Work Experience

Teaching Assistant

Software Engineering and Parallel and Distributed Computing

Technical Skills

Languages: Python, C++, SQL, HTML, JavaScript, TypeScript

Tools/Frameworks: React, Strapi, TensorFlow, Keras, Pandas, Jupyter, Git, OpenCV

Databases: MySQL, SQLite

Final Year Project

Unify – E-Commerce Management System

Built a centralized platform integrating Daraz, Shopify, and WooCommerce using Strapi and React.

- Unified dashboard for managing products, orders, and analytics.
- Implemented secure authentication, real-time stock synchronization, and performance optimizations.

Projects

AI-Based Prediction Models

- Predicted video game ratings using machine learning on categorical data.
- Real-time facial expression recognition using OpenCV and TensorFlow.
- Brain tumor segmentation from MRI using a custom U-Net architecture.

Booking Management Systems (SQL)

Developed a comprehensive SQL-based system simulating real-world booking operations for 10,000+ entries.

Game Development

- Developed **Connect 5**, a customizable two-player game in Python.
- Built the classic game **2048** with GUI in C++.

Languages

English (Fluent), Urdu (Native)