

Muhammad Bilal

Computer Science Student

Undergraduate with a solid foundation in **full-stack development** and a keen interest in **AI/ML**. Skilled in building end-to-end **web applications** using React.js, Node.js, and Python. I enjoy turning complex problems into clean, efficient code and am eager to grow as a **developer** in a collaborative and fast-paced environment.



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EDUCATION

BS Computer Science

Namal University, Mianwali

11/2021 - 06/2025

2.94 CGPA

Courses

- Software Engineering
- Data Base
- Cloud Computing
- Application Development
- OOP
- Artificial Intelligence
- Cyber Security
- Entrepreneurship

PERSONAL PROJECTS

Learning Management System (FYP) [GitHub](#)

- Built feature-rich LMS with course management, attendance, report generation and timetable automation using React.js and ASP.NET.

Console & GUI Based Facebook (Semester Project)

[GitHub](#)

- Developed a social media platform using Python with both console and GUI interfaces, implementing core features like user interaction, messaging, and post creation.

Pakistan Aisa Q Hai (Data Analysis) Semester Project

[GitHub](#)

- Conducted a data analysis project exploring socio-economic factors in Pakistan, uncovering trends and insights using Python, pandas, and visualization tools.

Urdu OCR System (Semester Project) [GitHub](#)

- Built an OCR tool to extract and digitize Urdu text from images using Python and machine learning, optimizing accuracy for complex scripts.

FreshMart: Revolutionizing Retail Transactions

(Semester Project) [GitHub](#)

- Developed an innovative retail transaction platform for seamless shopping experience, integrating real-time inventory management and automated billing.

SKILLS

Python

React

Node.js

Problem Solving

SQL

Mongo DB

Data Analysis

Tailwind CSS

Flutter

JavaScript

OOP

Data Base

Data Structure

Web App

Mobile App

ORGANIZATIONS

Namal Idea Club (03/2022 - 02/2023)

CERTIFICATES

Full Stack Web Application Development (07/2023 - 09/2023)

Acquired skills in React.js, Node.js, Express, MongoDB, and RESTful APIs to build dynamic web applications.

INTERESTS

Competitive Hackathons

Problem Solving Challenges