

# Ali Shoaib Goraya

Software Engineer

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Final-year BS Computer Science student and passionate Full Stack Developer with hands-on experience in React.js, Tailwind CSS, Node.js, Django, and ASP.NET Core. Skilled in designing scalable web applications, RESTful APIs, and working with SQL/NoSQL databases. Proficient in OOP, cloud-native development using Microsoft Azure, and committed to backend engineering and cloud computing. Eager to contribute as an Associate Software Engineer in a growth-focused environment.

# **EDUCATION**

# Bs Computer Science Namal University Mianwali

11/2021 - 07/2025

Courses

 Quantitative & Computational Reasoning

Data Structures

Data Base Systems

- Machine Learning

cgpa-3.01

- Object Oriented Programming

- Design & Analysis of Algorithm

- Artificial Intelligence

- Cloud Computing

# **ACADEMIC PROJECTS**

#### Pakistan Aisa Q hai? (01/2022)

 This project is my first semester project of Course Quantitative and Computational Reasoning and aims to demonstrate skills in data analysis and visualization using Python. The code analyzes a dataset containing various socio-economic indicators and provides insights into Pakistan's position globally.

## Console and GUI-Based Facebook Applications (Python) (06/2022)

 Developed a console-based Facebook application with features including messaging, friend requests, posts, profile management, and notifications. Implemented data storage using Excel sheets with the Openpyxl Python library. Further extended the project to a Graphical User Interface (GUI) based application, enhancing user experience and accessibility.

# Mining Mental Health Trends: A Multi-Method Analysis of Prevalence Data with Forecasting and Clustering (06/2024)

 Analyze mental health disorder prevalence data across countries and years. Identify trends, correlations, perform time series analysis, forecast future rates, and group countries by mental health metrics using clustering techniques.

#### LMS SaaS (FYP) Asp.net core & React js (09/2024 - Present)

 A cloud-based Learning Management System (LMS) designed as a SaaS solution to provide services to universities, allowing them to manage their campuses, schools, and departments under a unified platform. Key features include compresses user management (Students, Faculty, and Staff), course management, course-wise discussion boards, activity management, analytics and automatic timetable creation.

### **AWARDS & ACHIEVMENTS**

# Software Developer (work study)

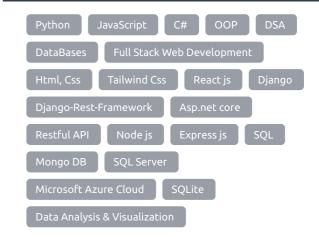
Namal University Software Development Cell

09/2024 - Present

Achievements/Tasks

- Developing an enterprise LMS using ASP.NET Core and React.js, implementing secure authentication, dynamic role-based access, and robust RESTful APIs following HATEOAS principles.
- Designed and implemented a scalable relational database for a multitenant LMS to handle large amounts of data across multiple universities.

## **SKILLS**



# **CERTIFICATIONS**

Git & GitHub (Google) (10/2023) 🗗

Full Stack Web Development with MERN Stack UET Lahore Boot Camp 2023 (11/2023) ☑

Pandas (kaggle) (05/2024) 🗹

Hands on Pandas course from kaggle

Intro to Machine Learning (Kaggle) (06/2024) Intro Machine Learning Course From Kaggle

### LANGUAGES

Urdu

Full Professional Proficiency

English

Professional Working Proficiency

### INTERESTS

Cloud Computing

Backend Engineering

Software Architechture

Artificial Intelligence