

Nalain Muhammad

Data Science Student & Full-Stack Developer

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Data Science undergraduate at UET Lahore with hands-on full-stack engineering experience spanning enterprise C#.NET systems to production Node.js platforms shipped for real clients. Currently a Python Programming Intern at DecodeLabs, with a consistent track record of taking projects from architecture through live deployment. Seeking internship and freelance opportunities in software engineering and data-driven development.

EDUCATION

BS, Data Science

Sep 2025 – Jul 2029

University of Engineering and Technology (UET), Lahore

- Relevant coursework: Object-Oriented Programming, Database Systems, Statistics, Applied Machine Learning

Intermediate, Computer Science (ICS)

May 2023 – Aug 2025

Fazaia Inter College (FIC), Lahore · Grade: A

EXPERIENCE

Python Programming Intern

Jul 2026 – Present

DecodeLabs · Remote

- Working as a junior Python developer on programmatic data management, backend architecture and logic verification
- Contributing to weekly hands-on projects under mentor-led review, applying object-oriented design principles

Freelance Full-Stack Developer

2026 – Present

Self-Employed · Lahore / Remote

- Design and build full-stack web applications for clients, from database architecture to secure payment integration and production deployment
- Delivered a live e-commerce platform end-to-end as sole developer, from client requirements through production launch

PROJECTS

Dar Al Ghuraba — Luxury E-Commerce Platform

May – Jul 2026

Freelance client project · Live at daralghuraba.com

- Built a full-stack e-commerce platform for a paying client with Node.js, Express and MongoDB, replacing static pages with a dynamic, database-driven storefront
- Engineered a custom REST API with server-side price validation and Stripe payments synced via webhooks, plus WhatsApp order integration
- Shipped to production as first live client deployment, handling real transactions end-to-end

UniRide-CTMS — Campus Transport System Rewrite

Apr – Jun 2026

Lead system architect · Team of 4 · UET Lahore

- Led the architectural rewrite of a first-semester prototype into an enterprise-pattern system using C# and ASP.NET Core MVC
- Engineered a normalized 14-table relational database with Entity Framework Core and built real-time GPS bus tracking with SignalR
- Designed a capacity-aware bus allocation algorithm and an automated QR-code pipeline for student boarding and attendance

Campus Transport Management System

Dec 2025 – Jan 2026

1st semester project · UET Lahore

- Built the initial prototype with Python and Flask, handling routes, vehicles, drivers and student requests
- Owned backend logic and UI/UX design end-to-end; presented at department Open House

SKILLS

Languages: Python, C#, JavaScript, SQL, HTML5, CSS3

Frameworks & Backend: Flask, Node.js, Express.js, ASP.NET Core MVC, REST APIs, SignalR

Data, Tools & Concepts: MongoDB, SQL Server, Entity Framework Core, OOP, Git, GitHub, Machine Learning

CERTIFICATIONS

CS50: Intro to Programming with Python (CS50P)

Harvard University · Jul 2026

Introduction to Front End Development

Simplilearn · Jan 2026

Credential ID: 9676324

Introduction to SQL Server

DataCamp · Jul 2026

Credential ID: 48698544

Introduction to HTML

Simplilearn · Jan 2026

Credential ID: 9678159