## **Usman Farooq**

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#### **Profile**

I am a dedicated and ambitious individual with a strong passion for development and continuous learning. I thrive on solving complex problems and am committed to improving my skills through hands-on experience and new challenges in the field of development.

## **Professional Experience**

# AG Infotech Backend-Developer Intern

Contributed to backend development by creating REST APIs with NestJS, managing databases using PostgreSQL and Prisma ORM, and implementing authentication with JWT. Gained expertise in JavaScript, TypeScript, and dependency.

April 2024 – August 2024 Islamabad, Pakistan

#### **Education**

## **BS in Computer Science**

National University of Modern Languages

**Core Subjects:** Mobile App Development, Computer Graphics, Project Management System, Python, Advance Object-Oriented Programming, Web Programming, Computer Networks, Database System, Operating System. 2021 – 2025 Rawalpindi, Pakistan

## **Projects**

#### **Kidney Stone Prediction System**

Develop AI model for prediction and Appointment management system using python, Django and SQLite.

#### **Develop Ecommerce-APIs using NestJS & Prisma**

Implemented modules for Products and Orders, including CRUD operations, user authentication, and Swagger documentation for API testing.

#### Built a website for a fast food store

Learning the concept of HTML,CSS, Bootstrap and PHP through semester project.

#### **Develop Designer Trellis project**

Built a scalable backend using NestJS and Prisma ORM. Implemented RESTful APIs and managed database schemas.

## **Certificates**

#### **Certificate of Internship**

Internship as backend-developer at AG Infotech

## **Certificate of Participation in CTF**

Participated in a CTF at Military College of Signals

#### **Tools**

- VS Code
- Github
- Swagger UI
- Postman
- PostgreSQL
- Prisma ORM
- MongoDB
- Netlify