

# ABDUL QAYYUM RAJPOOT

Software Engineer

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## SUMMARY

Computer Science undergraduate with 3+ years of experience in full-stack development, system design, and secure deployments. Completed virtual internships with Walmart and J.P. Morgan. Skilled in a wide range of technologies and passionate about problem-solving.

Built and deployed 5+ production-grade applications using MERN, .NET, and Next.js

## EDUCATION

University of Engineering and Technology, Lahore

Lahore, Pakistan

Bachelor of Science in Computer Science

Minors: Computer Networking, Software Engineering

## CERTIFICATIONS

Walmart USA - [Advanced Software Engineering](#) — J.P. Morgan - [Software Engineering](#)  
[PF and OOP Teacher Assistant at UET Lahore](#)

## SKILLS

**Languages:** C++, C#, Python, Bash, Java, Assembly, Dart, JavaScript, TypeScript

**Frameworks:** React.js, AngularJS, Flutter, React Native, .NET, Next.js

**Databases:** SQL, NoSQL

**Operating Systems:** Windows, Ubuntu, Kali, ParrotOS, Deepin

**Tools/Concepts:** AI, Data Science, OS, MERN Stack, Appwrite, Sentry, PowerBI, UML, Reverse Engineering

## EXPERIENCE

### Walmart USA (Virtual)

Sep 2024

- Advanced Software Engineering Intern — Forge
- Designed heap data structures in Java for shipping systems
- Built UML and ER diagrams for processors and pet department databases

### J.P. Morgan (Virtual)

Aug 2024

- Software Engineering Intern — Forge
- Fixed broken repo files to enable web output
- Used Perspective to visualize real-time trading data

## PROJECTS

### Zero Trust AI Car Price Prediction Application

2025

Zero trust architecture for secure AI-driven car price prediction using machine learning. MFA, encryption, and real-time monitoring, Protection against adversarial attacks.

### Dos Shell with Notepad & Mini OS

2023 & 2024

Dos shell supporting all native functionalities of Dos shell with Notepad in C++. Mini operating system developed in C and Python with basic functionalities.

### Weather Analysis System (MERN, PowerBI)

2023

Weather dashboard using ETL processes, PowerBI visualization, and DBMS ( SQL )

### University Management System (.NET, C#)

2023

Comprehensive academic portal for student, exam, and course management

## EXTRACURRICULARS

Technical Lead — GDGoC UET Lahore — Executive Member — Microsoft Learn Student Ambassadors