

Numan Ahmed

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EDUCATION

University of Engineering and Technology

Bachelor of Software Engineering

Lahore

Aug 2021 – May 2025

Aspire College

ICS

Lahore

Aug. 2019 – May 2021

TECHNICAL SKILLS AND TECHNOLOGIES

Languages: C/C++, C, Python, Java, JavaScript, TypeScript, PHP, Dart, SQL (MySQL)

Web & Mobile Development: HTML/CSS, React, Flutter, Nodejs, .NET Core, WPF

Developer Tools: Git, VS Code, Visual Studio, Eclipse, XAMPP

Libraries Frameworks: Pandas, NumPy, Matplotlib, TensorFlow

CERTIFICATIONS

HackerRank - Problem Solving

Gold - 5 Stars

Hacktoberfest – Open Source Contributor

2024

MLSA UET Lahore, GDSC UET Lahore — Contributed to event management system's backend

UCP Taakra – Speed Coding

2023

University of Central Punjab (UCP)

Lahore, Pakistan

PROJECTS

CODEX – LLM-based Test Case Generation and Execution Extension | *Js, Python*

2025

- Created VS Code extension (JS) for JUnit test generation and debugging
- Extracted training data from open-source GitHub Java repositories and finetuned LLMs
- Integrated a chatbot for coding assistance

Intelligent Invoice Management System | *Tesseract, Roboflow, YOLO, Flask, HTML, CSS*

Dec 2024

- Built AI system to extract, validate, and manage invoice data using Tesseract OCR and YOLO
- Developed web app for invoices management

Urdu Chatbot – Punjab Khidmat Markaz | *OpenAI, React, Python, Langchain*

Dec 2024

- Created Urdu chatbot using Langchain and OpenAI for Punjab Khidmat Markaz content
- Handled data crawling, NLP preprocessing, and built full-stack React + Python solution

Mini Operating System | *C++, Qt Creator*

May 2023

- Built graphics-based mini OS with Qt supporting 15+ tasks (e.g., calculator, image viewer)
- Implemented round-robin process scheduling for task management

Amazon Clone App | *Flutter, Node.js, Firebase Storage*

Oct 2023

- Developed full-stack e-commerce app with Flutter frontend and Node.js REST API backend
- Built user and admin panels with product management and image uploads
- Integrated Firebase Storage for storing product images

Chat App | *Flutter, Firebase, Firebase Storage, FCM push Notifications*

Dec 2023

- Developed real-time chat app with Google Authentication and Firebase backend
- Integrated image sharing via Firebase Storage and FCM push notifications