

Abdul Mueez

+92-307-492-8100 | abdulmueezshahid550@gmail.com | [linkedin.com/in/abdulmueezdev](https://www.linkedin.com/in/abdulmueezdev) | github.com/abdulmueezdev

Education

National University of Computer and Emerging Sciences

Bachelor of Science in Computer Science

Peshawar, Pakistan

Class of 2024

Aspire College

Intermediate in Computer Science

Pattoki, Pakistan

Class of 2022

Projects

Digital Clone AI Chatbot | *FastAPI, Next.js, Supabase, RAG*

- Production-ready AI chatbot simulating Franz Kafka using multi-tenant RAG, 3-tier memory, and semantic search over 4,000+ text chunks.
- Built with FastAPI backend, Supabase pgvector, Llama 3 via Groq, and Gemini embeddings, with strict token budgeting and a Next.js chat interface.

EduIG-Pipeline | *Python, Playwright, Flask, SQLite*

- Production-ready Instagram data extraction pipeline using cookie-based authentication to bypass bot detection and fetch exact follower, engagement, and post metrics for research.
- Includes a Flask + Tailwind dashboard (PWA) with Chart.js visualizations, CSV/JSON export, SQLite storage, and 150+ automated tests ensuring 80%+ coverage and data integrity.

LeadMap | *React, FastAPI, PostgreSQL, Supabase, Google Places API*

- Production-ready sales intelligence platform that automates local business discovery using Google Places API, configurable lead scoring, website enrichment, and AI-assisted outreach generation.
- Built with React, FastAPI, PostgreSQL, Supabase, and Celery, featuring asynchronous background workers, rule-based scoring engine, campaign management, CSV export, and scalable data processing pipelines.

Technical Skills

Programming Languages: C, C++, Python, JavaScript

Web Technologies: HTML, CSS, React, Node.js

Tools & Frameworks: Playwright, Flask, Git, GitHub, GitHub Actions

Databases: Supabase, My SQL, Convex

Experience & Leadership

Student Builder Group Lead, AWS Student Builder Group at PWR

Jun 2025 – Jun 2026

- Leading the AWS Student Builder Group at PWR, organizing cloud-focused workshops, managing community initiatives, and driving technical learning programs for students.

Web Development Co-Lead, IEEE Student Branch FAST PWR

Oct 2025 – Jun 2026

- Advised on website design decisions, contributing feedback on layout, UI, and user experience for the official branch website.

Deloitte Australia Technology Job Simulation (Forage)

July 2026

Virtual Experience Program

Remote

- Completed Deloitte Australia's virtual technology job simulation, applying software development and analytical problem-solving skills to practical engineering tasks.
- Designed a proposal for an interactive dashboard solution to support business reporting and data-driven decision-making.

Achievements

Website Development: Created websites for AWS Student Builder Group, personal portfolio, and a photographer gallery using modern web technologies.