

MUHAMMAD USMAN

Software Engineer | Full-Stack Development | AI & Automation

Al Khobar, Saudi Arabia | datawithusman@gmail.com | Portfolio | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Product-minded software engineer and BBIT student building full-stack applications, APIs, automation workflows, AI-enabled tools, and data products. Translates business requirements into tested, documented solutions and collaborates effectively across technical and nontechnical teams.

EDUCATION

Virtual University of Pakistan | Bachelor of Business & Information Technology (BBIT)

Mar 2025 to Mar 2029 (Expected)

CGPA: 3.81/4.00

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, C++

Web & Backend: React, Next.js, Node.js, Express, FastAPI, REST APIs

Data & AI: pandas, NumPy, scikit-learn, XGBoost, Streamlit, Gemini API

Databases & Delivery: PostgreSQL, Supabase, MongoDB, Git, Docker, Vitest, pytest, Power BI, Tableau

PROJECTS

CommitteeKart | *Solo Full-Stack Project*

GitHub

- Built a Next.js and TypeScript platform that replaces fragmented WhatsApp and spreadsheet tracking for savings circles with authenticated committees, contributions, draw scheduling, reminders, and CSV exports.
- Created separate organizer and member workflows with Vitest coverage for core logic; the system records activity transparently without holding or processing user funds.

CamSort AI | *Team Hackathon Project*

GitHub

- Helped deliver a multimodal AI prototype that uses Gemini to analyze camera snapshots, assign risk levels, and prioritize feeds that need operator attention.
- Coordinated delivery timelines, contributed frontend and Vultr cloud integration work, and led the team demo and presentation.

QuantTrader Lite | *Team Hackathon Project*

GitHub

- Contributed backend and public API integration for a Streamlit prototype that consolidates live crypto data and produces configurable BUY, SELL, or HOLD signals.
- Researched APIs, documented setup and limitations, and managed GitHub delivery; all trading remains simulated and no real orders are executed.

PROFESSIONAL EXPERIENCE

Deumatic | *Software Engineer, Remote*

May 2026 to Present

Digital services, automation tools, and application development

- Contribute to client-focused workflow automation, web development, and custom applications by translating requirements into implementation, testing, and technical documentation.

Noble Learning PBC | *AI Project Developer & Python Trainer*

Mar 27 to Jun 15, 2026

Remote

- Built a Chrome-integrated Meeting Agent from a collaborative concept, analyzing live Google Meet sessions, generating summaries, and emailing outputs to the program coordinator.
- Facilitated weekly Python Bootcamp sessions from May 1 to Jun 15 with practical examples and guided problem-solving.

Alpha Pro Contracting | *Operations Manager, On-site*

Sep 2025 to Present

Construction

- Oversee software systems and day-to-day operations, coordinate digital workflows, and resolve software-related issues that affect delivery.

New Packaging Services | *Logistics Operations Manager, On-site*

Aug 2022 to Apr 4, 2025

Manama, Bahrain

- Led day-to-day operations for a 200+ rider fleet at a Talabat partner, managed the operations team, and tracked ROI and performance KPIs through Tableau and Power BI.

TEACHING & LEADERSHIP

Stanford Code in Place | *Section Leader*

Apr 24 to Jun 6, 2026

- Led weekly Python sessions using guided questions, live debugging, and individual support to build learner confidence.

iCodeGuru | *Python Instructor, Volunteer*

Mar to Jun 2026

- Delivered weekday volunteer Python Bootcamp sessions on programming fundamentals and practical problem-solving.

CERTIFICATIONS

C++ Programming Professional, OpenEDG C++ Institute

Dec 2025

Machine Learning with Python Professional, Anaconda

Dec 2025