Muhammad Yousif Khan

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SUMMARY

Full-stack software engineer (BS CS, 2027) whose systems run live businesses daily: four production deployments — two multi-branch ERPs, a real-estate platform, and a retail POS — processing 85+ transactions a day with automated WhatsApp billing. Co-founder of a student dev team serving business clients. Strong in MERN, TypeScript, and workflow automation (n8n, LLM agents).

EXPERIENCE

Co-Founder & Team Lead — *Team Axioms* June 2026 – Present
- Co-founded a student-led development team providing full-stack web development and AI automation services to businesses and clients.
- Lead end-to-end client delivery — requirement scoping, task assignment, code review, and deployment — across concurrent projects.

ML/AI Engineer Intern — *DevelopersHub Corporation* Remote | June – Aug. 2025
- Built Python AI agents with LangChain and LLM APIs to automate document-parsing workflows, cutting manual data-processing time by 40%.
- Deployed multi-stage n8n automation pipelines syncing internal databases with cloud backends, eliminating 15+ hours of weekly manual work.

Data Science Intern — *Intern Intelligence* Remote | June – July 2025
- Developed Python ETL scripts (Pandas, NumPy) to sanitize and preprocess 50,000+ records for predictive-modeling pipelines.
- Created Scikit-learn classification pipelines and automated Matplotlib dashboards to monitor model performance and data drift.

Data Analytics Intern — *Elevvo Pathways* Remote | Aug. 2025
- Completed a structured data-analytics internship: performed exploratory data analysis in Python (Pandas, Matplotlib) and built KPI dashboards and visual reports surfacing sales and inventory trends.

Information Secretary — *BBSIMS Students Council, Sukkur IBA University* Sept. 2025 – Present
- Manage digital communications for 500+ student members and coordinate institutional events end-to-end.

PROJECTS

Autos & Battery Store ERP — *React, Node.js, MongoDB, WhatsApp Cloud API* **Live & In Use**
- Sole developer of a live MERN ERP for a real business — from requirement gathering to production — now processing 85+ transactions daily.
- Automated client billing end-to-end: the WhatsApp Cloud API pipeline generates and dispatches dynamic PDF receipts the moment a transaction commits.
- Engineered a double-entry accounting engine covering supplier credits, retail/wholesale billing, warranty claims, and thermal/A4 printing.

Fertilizer Shop Management ERP — *React 19, TypeScript, Zustand, Tailwind v4, Recharts* **Live & In Use**
- Built a multi-branch, role-based retail ERP spanning POS billing, partial payments, returns/refunds, customer & supplier ledgers, bank accounts, and 9 report types with CSV export.
- Architected a type-first Zustand state layer where every business rule (stock decrement, restock on return, payment-ledger flow) lives in pure store actions, keeping UI logic-free.
- Enforced branch isolation and role-guarded routing (admin/manager/cashier), with WhatsApp invoice sharing and payment reminders via per-branch numbers.

Real Estate Business Management System — *React, TypeScript, OpenWA* **Live & In Use**
- Developed a multi-branch, multi-city property-management platform (head office: Hyderabad) with role-based access and full per-action accountability.
- Integrated real-time WhatsApp notifications via OpenWA: every payment, receipt, or plot registration instantly notifies the owner, branch manager, and customer.

CareerMint — AI Resume Builder — *React, Node.js, MongoDB, Tailwind CSS* SaaS Platform
- Created a full-stack MERN SaaS where LLM document parsing auto-populates user profiles, cutting manual drafting time by 70%+.
- Designed an ATS-optimized rendering engine with 8+ A4 templates, Redux state sync, client-side PDF export, and a JWT-secured REST API with draft versioning.

Super Mart POS System — *React, Node.js, Supabase* **Live & In Use**
- Deployed a retail POS with real-time inventory sync, credit-based customer ledgers, and Supabase Postgres auth and storage in production.

TECHNICAL SKILLS

Primary Stack: React, Node.js, Express.js, TypeScript, Python, MongoDB, PostgreSQL, REST APIs
Languages: JavaScript, TypeScript, Python, SQL, Java, C++ **Frontend:** Redux, Zustand, Next.js, Tailwind CSS, Recharts
Databases & Cloud: MongoDB, PostgreSQL, Supabase, SQLite, Firebase, Vercel, Render
Automation & AI: n8n, LangChain, LLM APIs, WhatsApp Cloud API, OpenWA **Tools:** Git, GitHub, Vite

EDUCATION

Sukkur IBA University, BBSIMS Campus — *BS Computer Science, CGPA 3.50/4.00* Aug. 2023 – Aug. 2027 (expected)
Government Boys Degree College — *Intermediate, Pre-Engineering* 2021 – 2023

HONORS & AWARDS

1st Place, Speed Programming Competition, Sukkur IBA University (Nov. 2023) • **Global Semester Exchange**, selected on merit, Sapienza University of Rome, Italy • Recognized by Fatimid Foundation for organizing the university blood-donation drive (May 2024)

CERTIFICATIONS

DataCamp: Introduction to Python, Intermediate Python, Understanding Data Science (2025) • **n8n AI Automation:** Chatbot Lab, AI Email Agents