

Abdul Rehman Ali

Full-Stack Web Developer & Agentic AI Builder

Kharian, Punjab, Pakistan

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Professional Summary

Agentic AI Builder and BSCS student focused on architecting autonomous AI systems, intelligent workflow automation, and scalable full-stack web applications. Experienced in orchestrating large language models with automation engines like n8n and building data-driven systems within the .NET ecosystem. Proven track record of bridging traditional software engineering frameworks with autonomous real-time data pipelines.

Technical Skills

AI & Automation: Agentic Workflows, LLM Orchestration, n8n Automation, Prompt Engineering

Web Development: Blazor Server, .NET Backend Development, HTML5, CSS3, JavaScript, Tailwind CSS, Bootstrap 5, REST APIs

Languages: C#, Python, C++, SQL

Tools & Frameworks: SQLite, Firebase, Git/GitHub, Netlify, VS Code, n8n, Docker, Database Management Systems (DBMS), AI Tools

Technical Projects

ClientPilot AI

SaaS Developer & Automation Architect

- Architecting an upcoming software-as-a-service (SaaS) platform designed to automate complex client operations and reduce manual operational overhead for scaling business teams.
- Integrating intelligent workflow layers to build a centralized, autonomous execution cockpit for operational pipelines.

HydroPredict – Smart Water Demand Prediction System

Full-Stack Developer

- Engineered a data-driven smart water demand forecasting and management system utilizing a strict three-tier software architecture.
- Built a responsive frontend using Blazor Server and integrated a robust SQLite database configuration for high-efficiency local data persistence and relational query optimization.
- Implemented reliable data access abstractions and schemas to ensure lightweight local storage management and rapid performance execution benchmarks.
- [Project Repository Link](#)

Multilingual Blazor Todo Engine

Backend & Systems Engineer

- Developed a full-stack production-ready task engine focused on clean backend architecture, localized language dictionaries, and dynamic dark mode state persistence logic.
- Structured strict data handling layers to isolate computational logic from the presentation layer, mitigating processing overhead.
- [Project Repository Link](#)

Velvet Scent – Luxury E-Commerce Landing Platform

Full-Stack Web Developer

- Designed and deployed a high-conversion fragrance e-commerce landing platform built on HTML5, CSS3, and Bootstrap 5 architectures.
- Engineered a direct WhatsApp API connection to instantly route cart payload allocations, converting client web interactions into immediate order pipelines.
- Deployed the live asset structure securely on Netlify infrastructure with mobile and desktop layout parameter balance.
- [Live Application Link](#)

Online Food Delivery App

Full-Stack Developer

- Built an end-to-end responsive mobile web application layout optimized for fast asynchronous component rendering.
- Programmed an internal state-based user cart matrix paired with a dynamic text routing link to handle order dispatching directly via automated WhatsApp structures.
- [Project Repository Link](#)

Secure Password Manager

Desktop GUI Developer

- Architected a premium desktop credential asset locker using Python and Tkinter containing clean underlying local file structure configurations.
- Integrated robust local encryption script processes and input validation layers to safely handle authentication data without system failures.
- [Project Repository Link](#)

Education

Air University, Kharian Campus

Sept 2024 – July 2028

Bachelor of Science in Computer Science (BSCS)

Kharian, Pakistan

- **Honors & Achievements:** Awarded the Merit Scholarship and Prime Minister's Merit Laptop Award (2026) for academic consistency.

Punjab Group of Colleges, Kharian

2022 – 2024

Intermediate of Computer Science (ICS)

Kharian, Pakistan

Experience & Leadership Activities

Aspire Leaders Program

Feb 2026 – Apr 2026

Aspire Institute (Harvard-affiliated)

Global Leadership Initiative

- Selected for a competitive global leadership ecosystem to collaborate with international peers on strategic social impact blueprints and professional execution models.

Build in Public Initiative

Technical Content Strategy

- Document architectural code breakdowns, systems design choices, and software automation patterns transparently across technical professional networks.
- Grown a targeted professional network of over 1,000+ founders, technical engineers, and developers on LinkedIn.