MUHAMMAD USMAN
Agentic AI Developer

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LinkedIn . **Github** . **Portfolio**

PROFESSIONAL SUMMARY:

Solution-oriented full-stack developer skilled in building responsive, AI-integrated web applications using React, Next.js, MongoDB, and Supabase. Currently advancing expertise in Python and C++, with a strong focus on creating scalable, efficient solutions through clean and maintainable code.

AREAS OF EXPERTISE:

- ✅ Full-Stack Application Development
- ✅ AI Integration & Automation
- ✅ Responsive Design & User Experience
- ✅ Python & C++ (OOP)
- ✅ React & Next.js Frontend Architecture
- ✅ Backend APIs & Data Handling
- ✅ MongoDB & Supabase Databases
- ✅ Collaboration & Agile Development

RELEVANT PROJECTS:

Personal Portfolio Project | Next.js, MongoDB, AI Chat Agent
- Built a responsive portfolio website with an AI chat agent for personalized interactions based on custom-trained data
- Implemented MongoDB to store user info and chat history, ensuring scalable and efficient data handling
- Live Demo | Source Code

Newsletter Platform | React, Supabase, n8n
- Built a subscription-based newsletter site using React, storing user data securely in Supabase
- Integrated n8n workflow automation to send daily emails to subscribers, ensuring reliable and timely delivery
- Live Demo | Source Code

ChatUp AI Chat Platform | Flask, MongoDB, OpenAI Agent sdk, React

- Developed a full-stack AI-powered chat application with user authentication, real-time messaging, and advanced chat history management using Flask and MongoDB.
- Integrated Google Gemini API for intelligent conversational responses and Tavily API for web search capabilities, enhancing user experience with current information access
- Implemented secure user management including email verification, password reset, and profile customization with responsive UI/UX design
- Live Demo | Source Code

EDUCATION:

2024 - 2028 | Virtual University of Pakistan
Bachelor of Computer Science - Software Engineering

2024 - 2026 | PIAIC
Certified Agentic AI Engineering - CAE