

RIZWAN ALI

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Innovative Full Stack Developer with 2+ years of experience in designing, developing, and optimizing scalable web applications. Proficient in MERN stack, AI integrations, and real-time data processing, with expertise in MCP integrations and intelligent chatbot systems. Passionate about building impactful solutions in e-commerce, healthcare, and finance.

EDUCATION

COMSATS University Islamabad

Bachelor of Science in Software Engineering

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Frontend: React.js, Next.js, Tailwind CSS

Backend: Node.js, Express.js, Nest.js

Databases: MongoDB, PostgreSQL, ChromaDB

AI/ML: LangChain, MCP, AI Content Processing

Tools: AWS, GraphQL, WebSockets, Zapier

EXPERIENCE

Grandeur

Full Stack Developer

July 2025 – Present

Lahore, Pakistan

- Leading development of **Xeko.ai**, an AI-powered RAG chatbot platform using **LangChain** orchestration for intelligent business automation.
- Architected an **ETL pipeline** that crawls business websites and documentation, processing data through chunking strategies with optimal overlap for embedding generation.
- Built a **hybrid search system** using **Qdrant** vector database with semantic retrieval and metadata filtering via **LangChain** for contextual query responses.
- Implemented **MCP (Model Context Protocol)** integrations with **Shopify, Contentful, WooCommerce, and Zapier APIs**, enabling unified data access and workflow automation.
- Developed RAG architecture with **OpenAI embeddings**, contextual compression, and multi-query generation for accurate, citation-aware responses reducing response latency by **35%**.
- Engineered custom MCP adapters with **webhook processing** and **real-time event streaming**, improving data synchronization and reducing manual workflows by **40%**.
- Developed blockchain integration features enabling **secure transaction processing** and **smart contract interactions** for decentralized applications.
- Implemented **Web3 wallet connectivity** with multi-chain support, facilitating seamless cryptocurrency transactions and NFT operations.
- Built real-time blockchain event monitoring system using **WebSocket connections** and **event listeners**, improving transaction tracking efficiency by **50%**.

Digital Dost

Software Engineer

March 2024 – July 2025

Lahore, Pakistan

- Key contributor to **UpInvest**, a high-performance stock market platform using **Next.js, Tailwind CSS, Nest.js, PostgreSQL**.
- Engineered portfolio management system with **real-time market tracking** and **trend analysis**, improving user decision-making capabilities.
- Implemented advanced caching strategies and query optimization, achieving **60% faster** response times and maintaining **98% uptime**.
- Led frontend development for **MyArbit**, building responsive UI with **React.js** and real-time visualizations using **Chart.js**.
- Developed interactive dashboards for **crypto staking** and **investment tracking**, driving **45% increase** in user engagement.
- Integrated **WebSocket** connections for live market data updates, ensuring real-time performance.

Syntax Software House

Associate Full Stack Developer

April 2023 – December 2023

Islamabad, Pakistan

- Played a pivotal role in the transformation of the **RentMe** web platform, employing MERN technologies to enhance user interfaces and ensure real-time data flow.
- Boosted web application performance, achieving over a **25%** increase in processing efficiency and responsiveness in property rental interactions through optimized backend and frontend integration.

ADDITIONAL INFORMATION

Specialties: AI Integration, UI/UX Design
Libraries: Chart.js, RESTful APIs, WebSockets

Professional: Agile, Code Review, Documentation
Interests: E-commerce, Healthcare & Finance