

MUHAMMAD SHAHZAIB ALI

Full Stack Web Developer

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SUMMARY

A determined MERN stack developer with over **1.5+ years** of hands-on practice, efficiently developing websites. I have strong foundations in frontend and backend technologies including **MERN Stack, Next.js, Nest.js, SQL/NoSQL databases**, and a focus on seamless user experiences. Additionally, I've worked with GenAI tools like **LangChain, LangGraph, RAG pipelines, vector embeddings**, and **prompt engineering**. With my experience, I'm committed to delivering quality code and constantly learning to stay updated with latest trends in the tech world.

EDUCATION

BS Computer Science:

[Gomal University, Dera Ismail Khan](#)

09/2021 - 06/2025

D-I-Khan, Pakistan

- Bachelor of Science in Computer Science,

EXPERIENCE

KODEARK:

[Lahore, Remote](#)

01/2025 – Present

Built and deployed scalable React/Next.js applications supporting 50,000+ monthly users. Designed micro-services using Node.js & PostgreSQL with automated CI/CD workflows. Integrated AI features including semantic search, document processing, and prompt-based automation for support teams. Implemented containerized services using Docker and GitHub Actions for production deployments.

EAST & WEST WEB DEVELOPMENT AGENCY:

[Paharpur, Dera Ismail Khan](#)

07/2024 – 01/2025

As a Full-Stack Developer at a fast-paced startup, I built and deployed scalable web applications using Next.js, Tailwind CSS, MySQL, PostgreSQL, and the MERN stack. I led end-to-end development and collaborated in an agile team to deliver secure, high-performance solutions under tight deadlines.

CodeClause Internship:

[Remote, India](#)

07/2023 – 10/2023

A MERN Stack development internship where I developed 3 projects: 1 beginner level and 2 Intermediate level.

SKILLS

MERN

Next JS

TypeScript

MongoDB

PostgreSQL

Nest.js

Git & GitHub

Redux

Restful APIs

Prisma

AWS

Docker

Agentic SDK

RAG

GraphQL

PROJECTS

Maye Williams (AI powered Sports Store)

A scalable full-stack e-commerce platform built with Next.js, Node.js, Nest.js, PostgreSQL, and Shopify Admin API, featuring an AI-powered uniform generator, real-time product customization, and team-ordering workflows. Implemented secure authentication, Redis caching, and automated CI/CD deployments across Vercel and VPS environments, with a focus on performance and maintainability.

Live Link: [Click here](#)

AI Document Chat System (Agentic RAG)

A full RAG pipeline using Next.js, LangChain, OpenAI embeddings, and Qdrant. Implemented chunking, vector search, and conversational memory. Enabled multi-document search and context-aware responses for complex queries. Integrated user-friendly chat interface with real-time feedback and logging. Optimized embedding storage and retrieval for faster query performance. Developed automated testing scripts to ensure accuracy and reliability of AI responses.

Live Link: [Click here](#)

BRRM (Race Management Platform)

A full-stack platform built with Next.js, TypeScript, Node.js, Express.js, PostgreSQL, and Redis for athletes, race directors, and marketers. Features include event management, race results tracking, segmented contact forms, newsletter collection, and admin tools. Implemented secure JWT/session-based authentication, Redis caching, and automated CI/CD pipelines, with a focus on scalability, SEO, accessibility, and performance.

Live Link: [Click here](#)

More Projects: [Check out my portfolio](#)