

USMAN AKHTAR

Software Engineer | Full-Stack & AI Application Engineer

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PROFESSIONAL SUMMARY

Software Engineer focused on production-ready web, mobile, and AI-powered applications. Experience spans React, Next.js, React Native, NestJS, MongoDB, SQL databases, AWS infrastructure, CI/CD, and OpenAI API integrations. Brings a full-stack perspective across user interfaces, backend services, data modeling, cloud deployment, and practical AI features. Current AI engineering focus includes RAG-based systems, AI agents, LLM integrations, and agentic workflows connected to real business applications.

CORE SKILLS

AI & LLM: OpenAI API, LLM integration, RAG, AI agents, agentic workflows (current engineering focus)

Frontend & Mobile: React, Next.js, React Native, JavaScript, TypeScript, Tailwind CSS, Zustand

Backend & Data: Node.js, NestJS, Express.js, GraphQL, MongoDB, MySQL, PostgreSQL, Prisma ORM, Redis

Cloud & Delivery: AWS EC2, AWS S3, Git, CI/CD pipelines

PROFESSIONAL EXPERIENCE

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Frontend Engineer | July 2025 - Present

Frontend Developer | June 2024 - Present

Syncrologik

Full-Stack Developer | April 2025 - August 2025

Full-Stack Developer Intern | May 2025 - Present

- Developed and maintained full-stack features using React/Next.js on the frontend and NestJS on the backend.
- Designed and managed MongoDB schemas to support efficient data handling and retrieval.
- Implemented AWS S3 for secure file uploads and AWS EC2 for deployment of backend services.
- Integrated the OpenAI API to enable image and content generation features in the application.
- Participated in code reviews and used Git and CI/CD pipelines to support consistent deployments.
- Built and deployed multiple full-stack features to production and optimized database queries and backend logic to improve application performance and API response times.

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PROFESSIONAL EXPERIENCE - CONTINUED

Freelance

Frontend Developer | January 2024 - August 2024

- Developed responsive, interactive web applications using Next.js and Tailwind CSS for a remote multinational team.
- Collaborated with cross-functional team members to coordinate design and development work.
- Used Git to maintain project updates and coordinate contributions across the distributed team.

AI & PRODUCT ENGINEERING FOCUS

- Practical AI integration: connected OpenAI services to an application for image and content generation.
- AI application architecture: focused on RAG pipelines, AI agents, LLM integrations, and agentic workflows that connect AI capabilities with backend systems and business applications.
- Full-stack delivery: works across frontend interfaces, backend APIs, database schemas, cloud services, and deployment pipelines.
- Product mindset: builds user-facing web and mobile experiences while considering performance, maintainability, and integration requirements.

TECHNICAL TOOLKIT

Languages: JavaScript, TypeScript, SQL

Frameworks: React, Next.js, React Native, NestJS, Express.js, Tailwind CSS

APIs & State: OpenAI API, GraphQL, Zustand

Data: MongoDB, MySQL, PostgreSQL, Prisma ORM, Redis

Cloud & Workflow: AWS EC2, AWS S3, Git, CI/CD

EDUCATION

The Superior University

Bachelor's Degree in Computer Software Engineering | 2022 - 2026

Academy for Academic Excellence

High School Diploma | 2018 - 2020

COLLABORATION

Based in Lahore, Pakistan. Open to remote full-time, freelance, project-based, and long-term collaboration opportunities.