MUHAMMAD SHERAZ

Full-Stack AI Engineer

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PROFESSIONAL SUMMARY

Full-Stack AI Engineer with 3 years of hands-on freelance and self-employed experience building modern web applications and AI-powered products. Experienced across frontend and backend development, databases, REST APIs, authentication, third-party integrations, deployment, and AI/LLM features. Skilled in React, Next.js, TypeScript, JavaScript, Node.js, Express.js, Python, Django, FastAPI, PostgreSQL, MongoDB, Docker, AWS, Vercel, and modern AI APIs. Built and delivered 25+ live projects for real-world use cases, including AI SaaS products, full-stack e-commerce platforms, dashboards, business websites, and custom backend systems.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS, Redux Toolkit

Backend: Node.js, Express.js, Django, FastAPI, REST APIs, Authentication, Authorization

Databases: PostgreSQL, SQL, MongoDB, Supabase

AI & LLM: LLM APIs, Gemini API, AI Integration, Prompt Engineering, AI-powered Applications

DevOps & Cloud: Docker, AWS, Vercel, Render, Netlify, CI/CD, Environment Configuration

Tools & Other: Git, GitHub, Socket.io, Stripe, NextAuth/Auth.js, Firebase, Drizzle ORM, API Integration, Technical SEO

PROFESSIONAL EXPERIENCE

Self-Employed / Freelance, *Full-Stack AI Engineer* 2023 – Present

- Designed and developed 25+ live web projects and digital products across business, SaaS, e-commerce, and custom application use cases.
- Built end-to-end applications covering frontend, backend, databases, authentication, REST APIs, third-party integrations, and deployment.
- Developed and integrated AI-powered features using modern LLM APIs across full-stack applications and digital products.
- Developed backend systems using Node.js, Express.js, Python, Django, FastAPI, PostgreSQL, MongoDB, and SQL.
- Implemented authentication and authorization, payment integrations, real-time functionality, dashboards, and database-driven features.
- Worked directly with clients to understand requirements, translate business needs into technical solutions, and deliver production-ready applications.
- Deployed and maintained applications using Vercel, Render, Netlify, AWS, and Docker, including environment configuration and production setup.

SELECTED PROJECTS

Social AI SaaS, *AI-Powered Social Media Automation Platform*

- Built an AI-powered social media automation platform that enables users to connect multiple accounts, schedule posts, and generate AI-assisted content.
- Implemented full-stack authentication, REST API architecture, MongoDB data persistence, and LLM API integration.
- React | TypeScript | Node.js | Express.js | MongoDB | JWT | LLM APIs

SupportAI, *Multi-Tenant AI Customer Support SaaS*

- Developed an embeddable AI customer-support chatbot with a multi-tenant SaaS architecture for businesses.
- Built the application dashboard, organization-based authentication, chatbot configuration, persistent data management, and Gemini API integration.
- Next.js | TypeScript | MongoDB | REST API | Scalekit | Gemini API | Vercel

Snapcart, *Full-Stack E-Commerce & Grocery Delivery Platform*

- Built a full-stack grocery delivery platform with real-time order tracking, location-based features, checkout, and AI-powered chat between customers and delivery partners.
- Implemented frontend and backend functionality including authentication, MongoDB data management, Stripe payments, Socket.io real-time communication, and map integration.
- Next.js | TypeScript | Node.js | MongoDB | NextAuth | Socket.io | Leaflet Maps | Stripe

ADDITIONAL CLIENT & FREELANCE WORK

- Delivered custom business websites, full-stack web applications, admin dashboards, REST APIs, e-commerce functionality, and database-backed systems for real-world clients.
- Worked on performance optimization, deployment, technical SEO, third-party integrations, and ongoing maintenance based on project requirements.
- Built and delivered 25+ live projects across multiple business and product use cases.

EDUCATION

BS Computer Science (BSCS) Rawalpindi, Pakistan
Barani Institute of Information Technology (BIIT), affiliated with PMAS Arid Agriculture University, Rawalpindi

ADDITIONAL PROFESSIONAL SKILLS

Professional Skills
Client Communication, Requirements Gathering, Technical Problem Solving, Project Planning, Remote Collaboration, Technical Support, Documentation, Deployment and Production Troubleshooting

Languages
English — Professional Working Proficiency | Urdu — Native