

ASAR AHMED

Full Stack Developer | MERN & AI Integrations

Lahore, Pakistan

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PROFESSIONAL SUMMARY

Full Stack developer with 2+ years of experience engineering scalable SaaS platforms and AI automation tools. With a background in Business Administration (BBA), I don't just write code; I architect strategic solutions focused on business ROI, reducing operational costs, and automating workflows. Expert in the MERN stack, Next.js, and generative AI integrations, with a proven track record of turning complex client ideas into secure, production-ready digital assets.

TECHNICAL SKILLS

- **Core Stack:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js (App Router), TypeScript.
- **AI & Databases:** OpenAI API, Replicate API, RAG Pipelines, PostgreSQL, Supabase, Prisma ORM.
- **UI/UX & Real-Time:** Tailwind CSS, Shadcn UI, Socket.io.
- **Infrastructure:** Serverless Functions, Vercel, Stripe Payments, Clerk / Custom JWT Authentication.

FEATURED AI & ENGINEERING PROJECTS

SmartMail AI | Next.js, Supabase, OpenAI (GPT-4), IMAP

- **Architecture:** Built a private AI-powered web app designed to revolutionize email productivity by syncing multiple inboxes (Gmail/Outlook) via IMAP/SMTP.
- **AI Integration:** Engineered a custom Knowledge Base system that dynamically injects user-defined business procedures into the LLM, generating highly accurate, brand-aligned email drafts.
- **Automation:** Developed background processes to instantly parse attachments and categorize incoming emails, featuring a real-time "Time Saved" calculator to track operational ROI.

GeniusWriter.ai | Next.js, Prisma, OpenAI, Replicate, Stripe

- **SaaS Development:** Engineered a comprehensive, multi-modal AI platform orchestrating text, image, and voice generation APIs into a single unified interface.
- **Monetization:** Designed a scalable credit-based subscription architecture, integrating secure Clerk authentication and Stripe webhooks to manage recurring billing tiers safely.

Mernist Discord Clone | Next.js, Socket.io, Prisma

- **Real-Time Infrastructure:** Engineered a robust communication platform mirroring Discord's architecture, featuring real-time messaging via Socket.io.

PROFESSIONAL SAAS EXPERIENCE

Full Stack Engineer | Remote

Jan 2023 – Present

- **Hemekar (Workforce Management SaaS):**
 - Architected the complete backend and admin dashboard for a geo-location-based workforce app.
 - Integrated Google Maps APIs and modeled a scalable database to manage worker registrations, hybrid memberships, and multi-language support.
- **Daroon (HealthTech Platform):**
 - Built the backend and admin panel for a mobile-first telemedicine system serving clinics and patients.
 - Integrated Socket.io for a real-time notification and chat system.
- **AceYourPapers.com (EdTech Platform):**
 - Developed a dynamic exam preparation platform.
 - Built an intuitive admin panel empowering non-technical staff to seamlessly manage educational content and Stripe subscriptions.

EDUCATION

- **Bachelor of Business Administration (BBA)** | University of Gujrat | 2021 – 2023
- **Bachelor of Commerce** | University of Punjab | 2018 – 2021