

# ANAS AHMED

## Full-Stack Developer

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## Profile

I am a Full-Stack Web Developer with almost 2 years of hands-on experience in **Next.js, React.js, and Node.js**, delivering scalable, high-performance, and SEO applications. Proficient across both **front-end** and **back-end** development, ensuring seamless, end-to-end web solutions. Currently expanding expertise in **AI Agents, LLM, Blockchain (Web 3.0), and Python** to build next-generation applications.

## EXPERIENCE & PROJECTS

### E-Commerce Store & CMS (Next.js + MongoDB) | Full-Stack Developer

- Engineered a full-stack e-commerce platform with **1,000+ product capacity**, secure authentication, and Stripe payment gateway.
- Implemented Server Side Rendering(SSR), **Incremental Static Regeneration(ISR)**, and **On-Demand Revalidation**, boosting SEO ranking by **20%** and improving site speed.
- Architected **separate admin and store instances** with robust authentication, enhancing data security.
- Optimized product search performance, reducing query time by **35%**.
- Incorporated analytics and tracking dashboards, enabling data-driven insights on sales trends and customer behavior with fast aggregate queries.
- Custom Auth.js v5 logic with IP, Geo location & User-Agent tracking.

### AI Content Generator (Next.js + PostgreSQL + Gemini API) | Full-Stack Developer

- Integrated **AI SDK with streaming APIs**, enabling real-time content generation and reducing output time by **50%**.
- Automated creator workflows with streaming response and can handle **1,000+ daily requests** without performance loss.
- Developed SEO-friendly tools for **blogs, Instagram, YouTube, and coding workflows**, increasing creator engagement.
- Built a subscription system with Stripe, enabling tiered access to advanced features and driving recurring revenue.

### Social Media App (Next.js + SQL + RTK Query) | Full-Stack Developer

- Architected a social platform with **complete SEO, infinite scroll, and OpenGraph SEO optimization**, improving retention and accessibility by **30%**.
- Wrote optimized raw SQL queries, reducing API response time by **40%**.
- Deployed via **Vercel Edge CDN**, achieving <200ms load times on Incremental Static Regeneration(ISR) & Static Site Generation(SSG) pages globally, along with streaming and SSR.
- Blended client side caching, CDN caching and pagination strategies for redundant Api calls, lowering hosting costs by **15%**.

## SKILLS

- Frontend:** HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS
- Backend:** Node.js, Express.js, Python, FastAPI, MongoDB, PostgreSQL
- Tools & Other:** Git, Caching, CDN, Vercel, REST APIs, Authentication, SEO Basics, Agile, CI/CD

## ACHIEVEMENTS & ACTIVITIES

- Participated in **GIAIC Next.js Hackathon** – delivered a **6-page e-commerce site from Figma-to-code in just 24 hours**.
- Achieved **Grade A** in Q1 (97%) and Q2 (91%) of GIAIC program
- Active in hackathons, coding exams and quizzes, and projects in **Python, TypeScript, Web3, and AI**.
- Completed **7+ technical assignments** in web development and AI, covering topics such as **Typescript, REST APIs, SSR/ISR in Next.js, Python, OOP in Python, AI-Agents, OpenAi Agents, Chainlit, database, and AI SDK's integration**, reinforcing practical expertise.

## EDUCATION

**Artificial Intelligence, Web 2.0 & 3.0 & Metaverse Program** | Governor House – Sindh | 02/2024 – Present

**Bachelor of Commerce** | Karachi University | 04/2024 – Present