

Sherif Ashraf

Full-Stack Software Engineer & AI Systems Architect

Cairo, Egypt | +20 100 687 4681 | ashrafsherifmas@gmail.com | github.com/Sherif42022028 | linkedin.com/in/sherif-ashraf

PROFESSIONAL SUMMARY

Results-driven Full-Stack Software Engineer and UI/UX Designer with expertise in architecting high-performance web applications, scalable backend systems, and production AI agents. Proven track record of reducing AI operational costs by 70% and achieving 99+ Lighthouse performance scores through optimized Next.js, TypeScript, and RAG vector architectures.

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript, Next.js 15, React 19, Node.js, Express, Tailwind CSS v4, Framer Motion, Zustand

Databases & Tools: PostgreSQL, Prisma ORM, Drizzle ORM, REST APIs, GraphQL, Git, Docker, Vercel, CI/CD, Edge Caching

AI & Integrations: OpenAI, Google Gemini, Zhipu AI, RAG Vector Indexing, Orama Search, Function Calling, WhatsApp Evolution API, LangChain

WORK EXPERIENCE & PROJECTS

Rodlli — AI SaaS Platform & Conversational Agent | Lead Full-Stack Engineer

2025 – Present

- Architected an AI-powered SaaS platform enabling businesses to deploy intelligent sales and support bots via web widgets and WhatsApp integration.
- Engineered a hybrid RAG vector index pipeline with automatic model routing (Gemini and Zhipu AI), achieving a 70% reduction in AI inference costs with zero hallucinations.
- Integrated Evolution API (Baileys) for robust WhatsApp Business automation and real-time Google Sheets synchronization.

Tech Stack: Next.js, TypeScript, Tailwind CSS, Node.js, PostgreSQL, Drizzle ORM, Gemini AI, Evolution API

Flow Luxury — High-Performance E-Commerce Platform | Lead Developer

2025

- Developed a modern luxury e-commerce web application featuring dynamic product variants, real-time inventory management, and secure JWT authentication.
- Optimized application performance to achieve a 99+ Lighthouse score, driving a 45% increase in direct WhatsApp checkout conversion rates.
- Built an enterprise-grade admin dashboard featuring sales telemetry, audit activity logs, and granular role-based access control.

Tech Stack: Next.js 15, React 19, TypeScript, Tailwind CSS, Prisma ORM, PostgreSQL, Zustand

Maak — Intelligent Healthcare & Medication System | Software Engineer

2024 – 2025

- Designed and engineered an accessibility-first healthcare mobile web application focused on patient medication management and smart symptom triage.
- Implemented reliable reminder routines, patient notification queues, and secure doctor-patient routing mechanisms.

Tech Stack: React, Node.js, TypeScript, Tailwind CSS, PostgreSQL

EDUCATION

Bachelor of Science / Software Engineering & UI/UX Specialization

2021 – 2025

Focused on advanced algorithms, systems architecture, database management, and human-computer interaction (HCI).