

# Ahmed Magdy Nusir

Cairo, Egypt | +20 112 869 5145 | ahmedmagdynusir@gmail.com  
ahmedmagdynusir.com | linkedin.com/in/ahmedmagdynusir | github.com/ahmedmagdynusir

## Full Stack Engineer

Full Stack Engineer with 2+ years of experience building scalable systems and production-ready applications. Experienced with Nest.js, Next.js, and modern databases, with hands-on work in ERP and user-focused platforms.

### TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript, JavaScript, Node.js, Express.js, NestJS, React, Next.js, Tailwind.
- **Databases & ORMs:** PostgreSQL, MongoDB, Drizzle ORM, Mongoose.
- **DevOps & Cloud:** Linux, GitHub Actions (CI/CD), Vercel.
- **API & Integrations:** RESTful APIs, WebSocket, JWT Auth, OAuth.
- **Architecture & Practices:** System Design, Data Modeling, Modular Architecture.
- **Payment Integrations:** Stripe, Paymob.

### PROJECTS AND EXPERIENCE

#### • Leopard | ERP System & Online Store

Led the end-to-end development of a production-grade ERP and eCommerce platform for retail businesses and public users. Managed both frontend and backend systems, including role-based access control (RBAC) with customizable permissions, secure authentication, and payment gateway integrations with Paymob. Developed internationalization (i18n) support, reports & analytics modules, and eCommerce features such as product catalog, shopping cart, and order management. Optimized frontend and server-rendered pages to improve SEO, while ensuring scalable architecture and seamless UX for both internal staff and public users.

**Technologies:** PostgreSQL, Drizzle ORM, NestJS, Next.js, Tailwind

#### • Gen Z | Mental Health Platform

Led the migration of a legacy React platform to Next.js, delivering a modern, responsive, and multilingual interface. Developed a booking system for scheduling sessions and implemented secure authentication, while optimizing performance, SEO, and scalability through modular architecture.

**Technologies:** MongoDB, Mongoose, NestJS, Next.js, Tailwind, WebSocket

#### • Military Systems Development

Developed and maintained internal systems for a military hospital, focusing on personnel and patient tracking, reporting, and secure authentication. Built responsive, reusable interfaces with React and Tailwind CSS and managed data with the MERN stack.

**Technologies:** MongoDB, Mongoose, Express.js, React, Tailwind

#### • Pro Sales | CRM

Led the development of a fully customizable CRM platform, driving team execution, secure authentication, and granular role-based access control. Built pure, reusable React and Tailwind components and implemented interactive data visualizations with Chart.js, delivering a responsive, maintainable, and scalable solution to enhance sales workflows and client engagement.

**Technologies:** React, Tailwind, Chart.js

### EDUCATION | CREDENTIALS

- **Bachelor of Computer Science (Graduation: Jun 2024)** Helwan University, Cairo, Egypt.