

Rezk Gamal

MERN Stack Developer ([Portfolio](#))

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OBJECTIVE

MERN Stack Developer who has independently designed and shipped 8+ production-grade full-stack applications, from role-based SaaS platforms to real-time bots, using Next.js, Node.js, MongoDB, and modern testing and deployment practices.

SKILLS

Languages & Databases

HTML/CSS | JavaScript |
TypeScript | PHP | Python | C
| C++ | MongoDB |
PostgreSQL | SQL & MySQL

Frameworks & Libraries

React.js | Next.js | Node.js |
Express.js | Redux Toolkit |
Tailwind CSS | NextAuth |
Supabase | Socket.IO |
Zustand | i18next | Clerk |
GSAP | Framer Motion |
Cloudinary | ShadCN | MUI |
Sanity | Strapi | Redis |
Stripe | Discord.js

Testing, Tools & Courses

Git & GitHub | Vitest |
Playwright | CS50 | Linux |
Network+ | Security+ | CEH |
eJPTv1 | eWPTv2 | OSCP |
CRTP

EDUCATION

Mansoura University | Computer Science

2022 - 2026

EXPERIENCE

- Built CodeMap Academy, a full-stack MERN e-learning platform adopted by real students, delivering course video streaming, real-time notifications, and Stripe payments by integrating Socket.IO, JWT authentication, and a serverless Express/MongoDB API deployed on Netlify with a Next.js frontend on Vercel.
- Architected ClinicPlus as my graduation project, a role-based medical clinic platform supporting patients, doctors, and admins across 15+ RESTful API endpoints by building a Next.js 16/TypeScript system with MongoDB, NextAuth Google OAuth, and granular role-based access control.
- Engineered AntiDote, a full-stack productivity platform with 15+ integrated modules (goals, finance, client CRM, analytics), as measured by a Vitest/Playwright test suite covering unit, end-to-end, and security regression tests, by building a Next.js 16 + Supabase (PostgreSQL, Row-Level Security) backend with a bilingual Arabic/English responsive UI.
- Delivered Gemy Services, a Discord bot and admin dashboard automating order management and payouts for an OSRS trading Discord community, by building a TypeScript/Node.js bot (Discord.js v14) integrated with a Next.js/MongoDB dashboard secured via JWT authentication and deployed across Railway and Vercel.

- Delivered Noshear lil-Afdal as a freelance client project for the Disability Science team at Zagazig University, an accessible e-learning platform for deaf and hard-of-hearing students, by integrating Sanity CMS video streaming with a Next.js 15/TypeScript frontend and GSAP-driven responsive UI.
- Launched Metal Thread Pro, a premium e-commerce storefront, as measured by a fully automated admin dashboard for real-time inventory and order management, by implementing Next.js server-side rendering, MongoDB/Mongoose, and Zustand state management, version-controlled through Git feature-branch workflows and deployed on Vercel.

PROJECTS

Portfolio

- [Razook](#)

Freelance / Client Work

- [Gemy Services \(Discord Bot\)](#)
- [Noshear lil-Afdal](#)
- [Mensty Store](#)

Full-Stack Platforms

- [AntiDote](#)
- [ClinicPlus](#)
- [OxRazook Blog](#)
- [CodeMap Academy](#)
- [Metal Thread Pro](#)