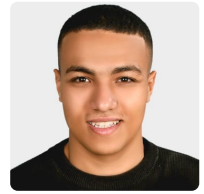


KARIM ABDELHALIM MOSTAFA SHERIF

FULL STACK DEVELOPER

Alexandria, Egypt | eng.karimomran@gmail.com | +201277913201
[GitHub](#) | [LinkedIn](#) | [Portfolio](#)



PROFILE

Full-Stack Developer experienced in building modern, scalable web applications from concept to production. Skilled in developing responsive front-end interfaces using React.js and Next.js, building robust backend APIs with Node.js and NestJS, and designing and managing databases using MySQL and MongoDB. Familiar with authentication, data validation, Docker, and deployment workflows, with a strong focus on writing clean, maintainable code and delivering reliable solutions that improve business operations and user experience.

SKILLS

Programming Languages: JavaScript, TypeScript, C++, SQL

Frontend: Responsive Design, HTML5, CSS3, SCSS, React.js, Next.js, Bootstrap, Tailwind CSS, Framer Motion, shadcn/ui, Material UI, TanStack Query, Redux Toolkit, Zustand, Formik, React Hook Form.

Backend: Node.js, Express.js, NestJS, RESTful APIs, Prisma ORM, Mongoose, Middleware, Error Handling, API Integration, Multer, Nodemailer.

Database: MySQL, MongoDB, Database Design, Relationships, Indexing, Transactions, Migrations

Validation: Zod, Yup, Regex, Schema Validation.

DevOps: Docker, Dockerfile, Docker Compose, Git, GitHub, GitHub Actions, CI/CD, Linux, VPS Deployment, Hostinger, AWS.

Security: Password Hashing, Data Encryption, JWT Authentication, Authorization, RBAC, HTTP-Only Cookies, CORS.

EXPERIENCE

Junior Full-Stack Developer at Freelance, Remote / Alexandria, Egypt

December 2025 - Present

Developing responsive and scalable full-stack web applications using React.js, Next.js, Node.js, Express.js, NestJS, TypeScript, and JavaScript. Building RESTful APIs, implementing authentication, integrating databases, and deploying production-ready applications.

- Developed full-stack web applications using React.js, Next.js, Node.js, and TypeScript
- Built RESTful APIs with Express.js and NestJS
- Implemented authentication, authorization, and database integration
- Designed responsive and user-friendly interfaces
- Deployed applications and managed production environments

PROJECTS

Drive Safe Academy | Full-Stack Developer (Solo Project) • [Drive Safe Academy](#) •

June 2026 - July 2026

[Landing Page](#) • [edu_nexus_client](#) • [edu_nexus](#)

- Designed and developed the complete platform, including the backend architecture, admin dashboard, and marketing website for a multi-branch driving academy.
- Built a scalable RESTful API with 89 endpoints across 15 modular services using Node.js, Express.js, Prisma ORM, and MySQL.
- Engineered a financial management system that automated debt tracking, payroll calculations, and expense management, eliminating manual accounting errors.
- Implemented a secure Role-Based Access Control (RBAC) system supporting 5 user roles, ensuring users could only access data relevant to their responsibilities.
- Developed an intelligent scheduling engine that automatically resolved conflicts between instructors, vehicles, clients, and training locations, reducing booking errors to 0%.
- Built a responsive customer portal with Next.js 16 (App Router), enabling students to explore courses, enroll online, track lessons, monitor payments, and view training progress.

- Integrated local e-wallet payment support to simplify online payments and improve the enrollment experience.
- Deployed and maintained the application on Hostinger, configuring the Node.js runtime, MySQL database, and resolving production deployment and performance issues.

Recipe • [GitHub](#) • [Live Demo](#)

March 2025

- Developed a fast and responsive recipe discovery application using React and Vite, ensuring optimal UI performance.
- Integrated RESTful APIs to dynamically fetch, search, and display diverse food recipes.
- State management was implemented efficiently to classify recipes smoothly.

Games • [GitHub](#) • [Live Demo](#)

May 2024

- Built an interactive platform aggregating a wide range of games into a single, user-friendly interface.
- Applied responsive design principles to ensure a seamless browsing experience across desktop and mobile devices.
- Optimized frontend components for fast rendering and smooth user interactions.

EDUCATION

Bachelor's Degree in Computer Science at Borg Al Arab Technological University, Alexandria, Egypt

September 2023 - July 2027

CERTIFICATES

Front-End (React JS) diploma from Route Academy
Back-End (Node JS) diploma from Route Academy
DevOps Basics Mastery – With Projects from Udemy

March 2025
November 2025
August 2026

LANGUAGES

Arabic - Native

English - Proficient