MOHAMED ELSAYED
FULLSTACK DEVELOPER

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LinkedIn • Github • Portfolio

PROFILE

Full-Stack Developer with a B.Sc. in Computer Science and Statistics (July 2025), specializing in React, Next.js, and Node.js/NestJS. Experienced in building scalable applications with modern architectures including microservices, RESTful APIs, and event-driven systems. Strong foundation in both frontend and backend development, database design, and cloud deployment. Proven ability to deliver end-to-end solutions with clean code and robust performance.

EDUCATION

B.Sc. in Statistics & Computer Science - University of Alexandria (Graduated July 2025).

EXPERIENCE

Elevate Bootcamp, Reactjs & Nextjs   **Nov 2024- July 2025**

- Advanced Tooling: Mastered modern collaboration and workflow tools (Figma, Jira, Slack).
- API Integration & Scrum: Integrated RESTful APIs, practiced Agile Scrum methodologies, and gained experience in cross-functional team environments.
- Technical Deep Dive: Learned clean architecture, state management patterns, micro-frontend architectures, performance optimization.

Route Academy, Nodejs   **Jan 2024 - May 2024**

- Completed an intensive backend development program focused on RESTful APIs.
- Gained hands-on experience with Node.js, Express.js, MongoDB, and MySQL.

TECHNICAL SKILLS

Frontend Development:

- **Core:** HTML, CSS, JavaScript, TypeScript
- **Frameworks** & Libraries: React.js, Next.js (App Router)
- **Styling**: Tailwind CSS, Bootstrap, shadcn/ui
- **State Management:** Redux Toolkit, Zustand
- **Data Fetching:** TanStack Query (React Query), Axios
- **Forms & Validation:** React Hook Form, Zod
- **Animation**: Framer Motion

Other Skills:

- **Authentication:** JWT, Clerk, Firebase, OAuth 2.0
- **Payments:** Stripe integration & webhooks
- **File Storage:** Cloudinary, Supabase
- **Version Control:** Git & GitHub
- **Methodologies:** Agile, Clean code, SOLID principles
- **DevOps & Tools:** Docker, CI/CD pipelines, Vercel deployment, ngrok
- **Testing:** Jest (unit testing)

Backend Development:

- **Runtime & Frameworks:** Node.js, NestJS, Express.js
- **Databases**: MongoDB, PostgreSQL, MySQL
- **ORMs**: Mongoose, Prisma
- **Message Queue**: Apache Kafka
- **Architecture**: RESTful APIs, Microservices, Clean Architecture

PROJECTS

- **Flower Obsession – Full-Stack Project**   <u>Github</u> <u>Project</u>
    - <u>**Description:**</u> Developed a full-stack flower shop with Next.js and MongoDB, featuring secure auth, admin dashboard, SEO-friendly slugs, and Arabic/English support. Deployed on Vercel with robust backend APIs and high-performance UI.

- **Podcast Generator**   <u>Github</u> <u>Project</u>
    - <u>**Description:**</u> Full-stack AI podcast generator built with Next.js 15, React 19, and TypeScript. Features OpenAI-powered script generation, text-to-speech conversion, and automated PDF brief creation. Includes user authentication, subscription gating, file storage via UploadThing, and modern UI with Radix/Tailwind. Implements tRPC for type-safe APIs and Prisma for database management..

- **Microservices E-commerce Platform**   <u>GitHub</u>
    - <u>**Description:**</u> A scalable e-commerce platform built with microservices architecture featuring 7 services (5 backend, 2 frontend). Utilizes Express.js, Fastify, Hono, Next.js 15, PostgreSQL, MongoDB, Kafka for event-driven communication, Stripe payments, and Clerk authentication in a Turborepo monorepo.

LANGUAGES

Arabic: Native   **English:** Advanced (C1)