

## MUSTAFA MELAKE

Full Stack Developer | MERN Stack Specialist 📍 Menofia , Egypt |

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🌐 [Portfolio Link] | 🐙 [Github] | 🔗 [Linked in]

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### PROFESSIONAL SUMMARY

High-performance **Full Stack Engineer** with 2+ years of experience specializing in the **MERN Stack** and **Next.js**. Expert at architecting scalable web applications, optimizing Core Web Vitals, and creating high-end interactive user interfaces. A problem-solver who bridges the gap between complex backend logic and pixel-perfect frontend experiences.

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### TECHNICAL ARSENAL

- **Frontend:** Next.js (App Router), React 19, TypeScript, Tailwind CSS v4, Framer Motion, Shadcn UI, Redux Toolkit.
  - **Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, Zod Validation, Middleware.
  - **Database:** MongoDB, Mongoose.
  - **Tools/Libraries:** Git, Docker, Vercel, dnd-kit (Drag-and-Drop), Axios, Postman.
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### KEY PROJECTS

**Job Application Tracker** | *Next.js, MongoDB, Express, dnd-kit, Tailwind*

- Engineered a high-performance dashboard for managing job search pipelines using an interactive **Drag-and-Drop** interface.
- Integrated secure JWT-based authentication and real-time state persistence.
- Optimized data fetching using Next.js Server Components, resulting in a 30% faster initial load time.

**Rose Misk Store (E-Commerce)** | *React, Tailwind CSS*

- Developed a premium frontend for an online fragrance boutique with a focus on high-end visual aesthetics.

- Implemented complex interactive animations using **Framer Motion** to enhance user engagement.
- Achieved a **98/100 Lighthouse performance score** through image optimization and lazy loading.

#### **MERN E-Commerce Platform** | *MongoDB, Express, React, Node.js*

- Built a full-scale commerce engine with dynamic product filtering, shopping cart logic, and user account management.
- Developed a custom REST API to handle high-frequency database queries with optimized Mongoose schemas.

#### **Professional Dashboard & Landing Pages** | *HTML5, CSS3, JavaScript*

- Designed and deployed multiple responsive UIs, focusing on clean grid layouts and cross-browser compatibility.
- Demonstrated mastery of CSS architecture (BEM/Utility-first) and modern design principles.

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## **EXPERIENCE**

#### **Full Stack Developer (Freelance / Personal Projects)** | *2024 – Present*

- Delivered 10+ projects focusing on clean code, responsive design, and scalable architecture.
- Successfully integrated third-party APIs and payment gateways (Stripe/PayPal) into existing workflows.
- Collaborated with clients to translate business requirements into technical roadmaps.

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## **EDUCATION & SPECIALIZED TRAINING**

#### **Full Stack Engineering (Self-Directed)** | *YouTube & Open Source Documentation \**

**Mastered advanced Frontend architectures, focusing on React 19, Next.js App Router, and Tailwind CSS v4.**

- Synthesized curriculum from industry-leading engineers (e.g., *JavaScript Mastery, Traversy Media, Fireship*) to build production-ready UI/UX components.

**The Complete Backend Development Bootcamp** [[View Certificate](#)]

**Core Focus: Node.js, Express.js, MongoDB, RESTful API Design, JWT Authentication, and Backend Security.**

- **Engineered scalable server-side logic and database schemas, implementing best practices for error handling and middleware.**

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## **LANGUAGES**

- **Arabic:** Native
- **English:** Professional Working Proficiency