

MUSTAFA MELAKE

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

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🌐 [Portfolio Link] | 👤 [https://github.com/MustafaMelake] |

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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.

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, PostgreSQL.
- **Tools/Libraries:** Git, Docker, Vercel, dnd-kit (Drag-and-Drop), Axios, Postman.

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, Framer Motion*

- 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.

EXPERIENCE

Full Stack Developer (Freelance / Personal Projects) | *2023 – Present*

- Delivered 20+ 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.

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, Elzero Web School*) to build production-ready UI/UX components.

The Complete Backend Development Bootcamp [[View Certificate](https://www.udemy.com/certificate/UC-ea8b53f9-5423-4222-a1c9-cc7925e815ec/)]
(<https://www.udemy.com/certificate/UC-ea8b53f9-5423-4222-a1c9-cc7925e815ec/>) * 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.

LANGUAGES

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