

Mohamed Hamdy *Front-End Developer*

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🐙 MohamdeHamdy210 🌐 Mohamed Hamdy

Summary

Motivated Front-End Developer with a strong academic background in Computer Science and hands-on experience developing responsive and interactive web applications. Proficient in React, Next.js, TypeScript, and TailwindCSS, with solid understanding of state management, performance optimization, and UI design. Eager to contribute to innovative teams and deliver high-quality, user-focused solutions.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, Java, Python, C/C++

Frameworks & Libraries: React, Next.js, Redux Toolkit, GSAP, Framer Motion, Material UI

Styling: TailwindCSS, SCSS, CSS3

Tools & Platforms: Git, GitHub, Firebase (Authentication / Firestore), Vercel, Vite, Webpack

Concepts: OOP, SOLID Principles, Responsive Design, Algorithms & Data Structures

Experience

Coding Instructor, ISchool Jul 2025 – Oct 2025

- Taught programming fundamentals, AI concepts, and problem-solving to students aged 7–16.
- Designed and delivered interactive lessons in Python, Scratch, and AI basics.
- Encouraged creativity and logical thinking through project-based learning.

Oracle Java Programming Intern, Next Academy Aug 2022 – Oct 2022

- Completed full-stack training involving database design, Java-based backend, and UI integration.
- Focused on efficient frontend-backend data integration using HTML, CSS, and Java.
- Enhanced understanding of enterprise development workflows.

Education

Bachelor in Computer Science, 2018 – 2022

Faculty of Computers & AI, Helwan University (GPA: 3.53)

Projects

To-Do App (Next.js)

Source Code [🔗](#) || Live Demo [🔗](#)

A **Task Management Tool** for creating, tracking, and organizing daily activities in real time.

- Used Firebase Auth and Firestore for authentication and live data sync.
- Managed global state with Context API for seamless updates.

The School Dashboard (Next.js)

Source Code [🔗](#) || Live Demo [🔗](#)

A full-featured **School Management Platform** designed to help admins, teachers, and students manage data efficiently.

- Integrated React Hook Form + Zod for validation and error handling.
- Developed a clean, responsive dashboard UI for analytics, forms, and calendar views.

Movies DB (React.js)

Source Code [🔗](#) || Live Demo [🔗](#)

A **Movie Browsing App** that lets users explore, search, and view real-time film data from the TMDB API.

- Implemented debounced search and filtering for optimized API requests and smoother UX.
- Displayed dynamic movie details such as ratings, release date, and overview.