

Mohamed Hamdy *Front-End Developer*

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🐙 MohamdeHamdy210 🌐 Mohamed Hamdy

Summary

Highly motivated Computer Science graduate (GPA: **3.53 - Excellent**) with expertise in building responsive and interactive web applications. Proven ability to deliver production-ready projects using **React, Next.js, and TypeScript**. Seeking a challenging Front-End Developer role to leverage strong skills in modern frameworks, state management (Redux Toolkit), and advanced styling.

Technical Skills

Front-End: React, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, HTML5

Styling: TailwindCSS, SCSS, CSS3, GSAP, FramerMotion

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

Tools: Git, GitHub, Firebase (Authentication/Firestore), Vercel, Vite.

Experience

Coding Instructor, ISchool 07/2025 – 10/2025

- Teach students (ages 7-16) the fundamentals of programming, problem-solving, and AI concepts.
- Develop and deliver interactive lessons on Python, Scratch, and AI basics, simplifying complex concepts for young learners.

Oracle Java Programming Internship, Next Academy 08/2022 – 10/2022

- Completed full-stack training, gaining exposure to **database design** (Oracle DB) and **server-side logic** (Java).
- Focused on the integration layer between **frontend design (HTML/CSS)** and backend services, emphasizing efficient data display.

Education

B.Sc. in Computer Science, 2018 – 2022

Computers and AI, Helwan University

- Cumulative Grade: Excellent. (GPA: 3.53)

Projects

To-Do App (Next.js) 🔗

Source Code: <https://github.com/MohamedHamdy210/To-Do> 🔗


- A comprehensive **Next.js** task management application featuring secure user authentication, image upload capabilities, and real-time task tracking.
- Implemented secure **user authentication** using **Firebase** and **Context API** for state management and controlled access.
- Fully **responsive UI** with **TailwindCSS** and managed data using **Firestore** for real-time synchronization.

Zentry Clone (React.js) 🔗

Source Code: <https://github.com/MohamedHamdy210/Zentry-clone> 🔗


- Landing page clone of an award-winning website, built to showcase advanced visual performance and immersive animations.
- Developed complex scroll-triggered and video animations using the **GSAP** (GreenSock Animation Platform)/ and **Scroll Trigger**.
- Built a highly performant and responsive UI with reusable **React components** and modern styling techniques **Tailwind CSS**

The School Dashboard (Next.js)

Source Code: <https://github.com/MohamedHamdy210/The-School> 

- A powerful **Next.js** dashboard application for school management, featuring calendar, forms, and administrative statistics.
- Architected a robust **role-based access control** system (Admin, Teacher, Student, Parent) using the **Context API** and the Next.js App Router for secure, granular access.
- Ensured data integrity and improved user experience by integrating **React Hook Form** combined with **Zod** for schema validation.
- Developed a clean, responsive interface to present complex statistics and data efficiently to various user roles.

Movies DB (React.js)

Source Code: <https://github.com/MohamedHamdy210/MC> 

- A responsive movie browsing platform that utilizes the **TMDb API** to fetch and display real-time data on trending movies.
- Implemented robust **search functionality** allowing users to find specific titles, view detailed information (ratings, release dates, and overviews), and filter results.
- Built with **React** to create a highly interactive and engaging user experience for media exploration.