EMAN MOHAMED SOLIMAN
Front-End Software Engineer

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PROFESSIONAL SUMMARY

High-achieving Computer Science undergraduate specializing in Front-End Engineering. Experienced in building complex, data-heavy applications using the modern React ecosystem (**React 19**, **TypeScript**). Proven ability to architect scalable systems, integrating **Generative AI** streams and geospatial visualizations. Passionate about performance optimization, clean architecture, and delivering seamless user experiences.

TECHNICAL SKILLS

- **Frontend Frameworks:** React 19, Vite, React Router DOM, Next.js.
- **Languages:** TypeScript, JavaScript (ES6+), HTML5, CSS3.
- **State & Data:** Zustand, TanStack Query (React Query), Redux Toolkit, Context API.
- **UI Engineering:** Tailwind CSS, Shadcn UI, Chakra UI, Headless UI, Framer Motion.
- **Tools & Workflow:** Git, GitHub, RESTful APIs, Postman, Strapi (Headless CMS).
- **CS Fundamentals:** C++, OOP, Data Structures, Algorithms, Problem Solving.

KEY PROJECTS

Axon Dashboard (AI-Powered ERP) *React 19, TypeScript, Shadcn UI, AI SDK*
Demo: axon-dashboard-wpvz.vercel.app • **Code:** github.com/emanmohamedsr/axon-dashboard

- Engineered a scalable, modular dashboard architecture, decoupling data logic from UI components.
- Integrated **Google Gemini** via Vercel AI SDK to build "EVE", a real-time streaming AI assistant.
- Developed an interactive **Geospatial Module** using Leaflet visualizing distributed team locations.
- Built an adaptive Task Management system featuring synchronized Kanban Board (dnd-kit) & Data Tables.

Full-Stack E-commerce Platform *React, Redux Toolkit, Strapi, Chakra UI*
Demo: full-stack-ecommerce-neon.vercel.app • **Code:** github.com/emanmohamedsr/full-stack-ecommerce

- Developed a responsive frontend featuring advanced product filtering, smart cart logic, & persistent sessions.
- Configured a **Strapi backend** to manage content APIs, user roles, and order processing.
- Implemented **secure authentication** flows including Google OAuth and Email Confirmation.
- Optimized data fetching performance using **RTK Query** caching strategies.

Game Hub (Video Game Discovery) *React 19, TypeScript, React Query, Zustand*
Demo: game-hub-two-sandy.vercel.app • **Code:** github.com/emanmohamedsr/game-hub

- Developed a responsive media discovery application consuming the RAWG API with real-time search.
- Optimized application performance using **TanStack Query** for server state management.
- Engineered a seamless user experience with **Infinite Scrolling** and skeleton loading states.

INTERNSHIPS & EXPERIENCE

Front-End Core Team Member Dec 2024 Sep 2025
GDG on Campus (Google Developer Groups), Zagazig

- Collaborating with the technical team to organize workshops and mentor students on React best practices.

Problem Solving Trainee Feb 2025 Apr 2025
ICPC Community, Zagazig

- Solved 100+ algorithmic problems using C++, enhancing logic building and code optimization skills.

Front-End Developer Intern Jul 2024 Sep 2024
ITI (Information Technology Institute), Mansoura

- Completed intensive training on React architecture, Hooks, and API integration.
- Delivered 3+ practical projects demonstrating proficiency in Routing and State Management.

EDUCATION

Bachelor of Computer Science GPA: 3.82 (Excellent)
Zagazig University Sep 2022 Expected 2026

LANGUAGES

Arabic: Native
English: Very Good