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 data visualizations. Passionate about performance optimization, clean architecture, and delivering seamless user experiences.

TECHNICAL SKILLS

- **CS Fundamentals: C++,** OOP, Data Structures, Algorithms, Problem Solving

- **Languages:** HTML5, CSS3, JavaScript (ES6+), TypeScript.

- **Frontend Frameworks:** React 19, Vite, React Router DOM.

- **State & Data:** Zustand, TanStack Query (React Query), Redux Toolkit, Context API.

- **UI Engineering:** Tailwind CSS, Shadcn UI, Chakra UI.

- **Tools & Workflow:** Git, GitHub, RESTful APIs, Postman, Strapi (Headless CMS).

KEY PROJECTS

Axon Dashboard (AI-Powered ERP System) | *React 19, TypeScript, AI SDK, Zustand, React Query.*

- Engineered a scalable, modular dashboard architecture, decoupling data logic from UI components to ensure maintainability.

- Integrated **Google Gemini** via Vercel AI SDK to build "EVE", a real-time streaming AI assistant, implementing custom manual stream piping to resolve backend version constraints.

- Developed an interactive **Geospatial Module** using Leaflet that visualizes distributed team locations with auto-detected timezones and real-time local clocks.

- Built an adaptive Task Management system featuring synchronized **Kanban Board** (dnd-kit) and **Data Table** (TanStack) views.

- Designed a custom "Cyberpunk" aesthetic with a robust Dark/Light mode system using Tailwind CSS.

Full-Stack E-commerce Platform | *React, Redux Toolkit, Strapi*

- Developed a responsive frontend using **Chakra UI** featuring advanced product filtering, smart cart logic, and persistent user sessions.

- Configured a **Strapi** backend to manage content APIs, user roles, and order processing.

- Implemented secure authentication flows including Google OAuth, Email Confirmation, and Forgot Password.

- Optimized data fetching performance using **RTK Query** caching strategies.

INTERNSHIPS & EXPERIENCE

Front-End Core Team Member   **Dec 2024 – Present**
GDG on Campus (Google Developer Groups)   *Zagazig, Egypt*
- Collaborating with the technical team to organize workshops and mentor students on React best practices.

- Contributing to community-driven open-source projects.

Front-End Developer Intern   **Jul 2024 – Sep 2024**
ITI (Information Technology Institute)   *Mansoura, Egypt*
- Completed intensive training on React architecture, Hooks, and API integration.

- Delivered 3+ practical projects demonstrating proficiency in Routing and State Management.

Problem Solving Trainee   **Feb 2024 – Apr 2024**
ICPC Community   *Zagazig, Egypt*

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

EDUCATION

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

LANGUAGES

- **Arabic:** Native.

- **English:** Very Good (Professional Proficiency).