React Web Developer

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SKILLS

- **Frontend:** React, TypeScript, JavaScript, Redux, Tailwind, Styled Components, CSS Modules, Vite, HTML, CSS
- **Backend/Database:** PostgreSQL, MySQL, SQL Server, Supabase, JWT, Web Protocols, ERD
- **Tools & Libraries:** Git, GitHub, Redux, Data Structures and Algorithms, Design Patterns
- **Languages**: English (Fluent), German (A2), Arabic (Native)

EXPERIENCE

Huawei Cloud Developer Competition
Team Member
- Developed a web platform for an **AI-Driven Supply Chain System**, **enhancing** inventory and shipment management by leveraging intuitive UX design and **robust performance optimization** to streamline logistics and **improve** accuracy.
- Displayed predictive analytics and **AI algorithms** to improve decision-making, reducing operational costs by over **20%** while ensuring scalability to meet SME requirements.
- Integrated **Supabase** as the backend to handle **1,000+** transactions daily with secure data storage, significantly boosting system efficiency and reliability by **37%.**

EduData
Team Leader
- Created a **React** note-sharing website for **1,000** college peers, serving as a repository for over **300** lectures and sections.
- Improved search efficiency by **67%,** reducing search times from **3 minutes to under 1 minute.**
- Used **React libraries** and **Google Analytics** to create a user-friendly interface, increasing engagement by **15%** and achieving an **83%** Lighthouse performance score.
- Managed **100+** user records in **Supabase** with stored procedures, improving query performance by **21%** and streamlining operations like error handling and sheet management.

QuickCart
- Built a **full-stack**, responsive **e-commerce site** with a **79%** Lighthouse score, ensuring fast load times, seamless navigation, and optimized user experience.
- Integrated **DummyJSON** for product management and **Stripe** for payments, improving transaction efficiency by **27%** and enhancing user satisfaction.
- Designed a **dark mode** and **animated user interface**, receiving a **93%** positive feedback rating in user surveys.

PROJECTS

QuickBite
- Built a fully responsive food ordering platform with **React** and **TypeScript**, achieving a **92%** Lighthouse score and ensuring optimized performance during high-traffic periods.
- Implemented a custom cart and streamlined checkout system, reducing ordering steps by **30%** and improving order completion times by **40%.**
- Organized an intuitive UI with **Tailwind CSS** and **Framer Motion**, earning **95%** positive feedback for its appealing design.

The Wild Oasis
- Developed an **internal application** for a luxury wooden cabins hotel as part of **Jonas Schmedtmann's React course**, emphasizing **practical React** and **state management skills.**
- Planned an **admin dashboard** to analyze key metrics and booking trends, improving cabin management efficiency by **30%** with actionable insights.
- Implemented **Redux** for global **state management**, ensuring a reusable and maintainable application architecture.

Grocery Data Analysis
Team Leader
- Led a **team of 4**, managing project progress and collaboration while applying data analysis principles using **R and Python.**

EDUCATION

FACULTY OF COMPUTER AND DATA SCIENCE – Alexandria University, Egypt   **Graduation Year (2027)**
- **GPA: 3.3 / 4.00**