# Mohamed Alsayed | Front-End Engineer | React.js, Next.js, TypeScript

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#### **PROFESSIONAL SUMMARY**

Front-End Engineer experienced in building scalable, high-performance web applications using React.js, Next.js, and TypeScript. Skilled in modern UI/UX design, RESTful API integration, responsive design, and web accessibility. Committed to writing clean, maintainable code and continuously learning emerging technologies.

### **EDUCATION**

**Bachelor of Software Engineering** 

Higher Institute of Computer Science, Shrouk Academy, Shrouk City | 2024 – 2027

- GPA: 2.9 (Very Good)
- Major: Information Systems | Minor: Computer Science

# **PROFESSIONAL EXPERIENCE**

Front-End Developer (Freelance)

Maharet Tefl - Remote | November 2024

- Transformed UX/UI designs into a fully responsive React.js website.
- Integrated RESTful APIs.
- Integrated Stripe API for secure payment processing and implemented **OTP**-based email authentication
- Delivered high-performance solutions within tight deadlines.
- Tools: React, Context API, Tailwind Css.

#### **TECHNICAL SKILLS**

Front-End Development:

- HTML, CSS, Bootstrap, Tailwind CSS
- JavaScript (ES6+), DOM, Event Handling, Async/Await, Fetch API

Frameworks & Libraries:

React.js & Next.js (Hooks, SSR, SSG, API Routes)

State Management:

• Context API, Redux, Redux Toolkit, Zustand

Advanced Web Development:

- Performance Optimization, Web Accessibility
- Responsive Design, SASS, Styled Components

Back-End Basics & Tools:

- HTTP, RESTful APIs, Sanity
- Git, GitHub, Webpack, Vite, Jest(Beginner)

# Current Focus:

- Advanced state management and Next.js
- Open-source contributions

# **PROJECTS & EXPERIENCE**

#### **Tulos Ecommerce Website**

**Technologies:** 

Frontend: Next.js (App Router), Tailwind CSS, Framer Motion

**Backend & CMS:** Sanity.io (Headless CMS for product/content management)

**Authentication**: Clerk (Secure user auth with social logins)

**State Management:** Zustand (Lightweight global state for cart/wishlist)

**UI Components:** Shadon/ui (Accessible, customizable UI library)

**Payments:** Stripe API (Seamless checkout with webhooks for order tracking)

**Utilities:** React Hot Toast (Notifications)

**Overview**: Tulos is a full-featured e-commerce platform built with modern web technologies to deliver a fast, secure, and engaging shopping experience. Designed with scalability in mind, it includes everything from product browsing and cart management to secure payments and user authentication.

• [GitHub Repo] [Live Demo]

#### **Maharet Tefl**

- Tech: React.Js, Context API, Tailwind CSS, Stripe API
- Overview: An e-learning platform for children.

[Live Demo]

# **Sunburst Chart Explorer (Data Visualization Tool)**

- Tech: React, Chart.js, D3-hierarchy, Tailwind CSS
- Overview: Full-featured e-commerce platform with product browsing, cart/wishlist Interactive hierarchical data visualization tool with drill-down navigation, search functionality, and detailed segment analysis. Features dynamic filtering, breadcrumb navigation, and responsive design.
- [GitHub Repo] [Live Demo]

View more on GitHub: [GitHub]

### **SOFT SKILLS**

- Problem Solving Effective Communication
- Teamwork
  Time Management
  Agile Methodologies

# **LANGUAGES**

- Arabic (Native)
- English (Proficient B2)

# **KEYWORDS (for ATS)**

React, Next.js, TypeScript, JavaScript, Redux, Zustand, RESTful APIs, Axios, Firebase, Git, GitHub, TailwindCSS, Bootstrap, Vite, Agile, Front-End Developer, UI/UX, Web Accessibility, Performance