

Esraa Alnagar

React.js Front-end Web Developer

✉ esraa.alnagar988@Outlook.com ☎ +201095660792 📍 Egypt 🌐 GitHub 🌐 LinkedIn

Profile

Front-end developer with a Mechatronics engineering background, passionate about creating clean, user-focused web interfaces. Skilled in HTML, CSS, JavaScript (ES6+), and React.js, with real-world projects. Motivated self-learner who values performance, accessibility, and delivering intuitive user experiences.

Professional Experience

- Abstractor, Akhdar** 06/2022 – 03/2025
- Summarized over 25 books, condensing content by 70% on average while maintaining key insights
 - Consistently met weekly content deadlines with 100% accuracy while maintaining high editorial standards
- Programming instructor, Be School** 10/2022 – 04/2023
- Taught programming (Scratch, App Inventor, Hardware) to students aged 9–16.
 - Delivered 80+ workshops, adapted lessons for different learning styles.
- Data Entry Clerk, Cube** 08/2018 – 08/2019
- Maintained and validated educational database records.
 - Organized digital content and supported administrative workflows.

Education

- Mansoura University, Bachelor of Engineering** 2016 – 2021
- Graduated with a degree in mechatronics engineering, with an A+ capstone project involving an autonomous postman robot.

Projects

- E-Commerce, Demo (Ongoing)** [🔗](#)
- Stack:** React, React Router, Redux Toolkit, Bootstrap, Axios, JSON Server
- Built a responsive storefront with product categories, detail pages, and a persistent cart
 - Managed application state globally with Redux; integrated external data using Axios
 - Enhanced performance by 40% through code-splitting and component modularization
 - Ensured mobile and desktop compatibility with full layout responsiveness
- GitHub Code:** <https://github.com/esraaTalnagar/ClothesStore> [🔗](#)
- Product Management Web App (CRUD), Demo** [🔗](#)
- Stack:** JavaScript (ES6+), HTML5, Bootstrap
- Developed a SPA to manage 100+ product entries using localStorage for persistence
 - Added live filtering, visual action feedback, and custom validation to reduce input issues by 80%
 - Implemented full Create, Read, Update, and Delete functionality within a table UI
- GitHub Code:** <https://github.com/esraaTalnagar/CURD> [🔗](#)
- Weather Forecast App, Demo** [🔗](#)
- Stack:** HTML, CSS, JavaScript, Bootstrap, REST API
- Displayed 3-day weather forecasts based on city input using live API integration
 - Included temperature, wind, and humidity details with error handling for invalid input
 - Resolved empty states and blocked calls, reducing failure cases by 90%

GitHub Code: <https://github.com/esraaTalnagar/WeatherApp> ↗

Games Reviews App, Demo ↗

Stack: HTML5, CSS3, JavaScript (ES6), REST API

- Showcased 1,000+ game entries with API-driven data, including genre, platform, and visuals
- Enabled modal popups for full game descriptions, decreasing page switching by 40%
- Optimized load time by 20% through selective DOM updates and asset loading strategies

GitHub Code: <https://github.com/esraaTalnagar/GamesReview> ↗

Technical skills

Languages & Markup: HTML5, CSS3, Sass, JavaScript (ES6+), TypeScript, Pug.js

Frontend Libraries: React.js, Redux Toolkit, Bootstrap

Routing & State: React Router, Redux Thunk

APIs & Tools: Axios, JSON Server, Webpack, NPM

Dev Tools: Git, GitHub, VS Code

Design: Responsive Web Design

Core Competencies

Performance Optimization

Improved application performance by restructuring component state logic.

Agile Task Management

Completed assigned tasks within short sprint cycles using agile methods.

Rapid Learning

Adapted to new stacks (e.g., Redux Toolkit) independently.

Communication

Documented code clearly and collaborated using Git version control.

Certifications

- Web design, Creativa Innovation Hubs, National Telecommunication Institute (NTI)
- Qualification in Education, Ain Shams University
- Frontend Engineering with React, Manara Tech ↗
- OOP with C++, MaharaTech - ITI Mooca ↗
- Introduction to Front-End Development, Meta ↗
- Programming with JavaScript, Meta ↗
- Learning How to Learn, Coursera ↗
- Game Development with Scratch, Coursera ↗

Languages

Arabic

Native

English

Intermediate (B2)