Samy Essam Samy
Frontend Developer

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SKILLS

- ReactJS
- Next.JS
- Redux
- HTML
- CSS
- JavaScript (ES6+)
- Bootstrap, Tailwind CSS, MUI

- Data Structures
- Algorithms
- Problem Solving
- Design Patterns
- OOP
- SQL
- Version Control using Git.
- Agile Development

EXPERIENCE

Nov 2023 – Current

Frontend Developer – E2E County

- Contributed to the construction of a comprehensive SaaS website, encompassing B2B, B2C, and B2E functionalities.
- Collaborated closely with Tim during the construction phase.
- Played a key role in integrating B2B, B2C, and B2E features seamlessly into the SaaS website.
- Gained hands-on experience in the end-to-end development of a SaaS website, acquiring valuable insights into B2B, B2C, and B2E dynamics at E2E County.

Jan 2023 – Nov 2023

Frontend Developer – Syntrum Solutions

- Applying Agile Development process via Jira and Scrum.
- Implementing UI designs into live front-end code.
- Develop frontend interfaces using ReactJS.
- Cooperate with the backend team, QA and UI/UX teams to maximize the performance and user experience.
- Working on optimizing SEO, Performance and Accessibility of web-apps.
- Working on scalable applications.
- Applying clean code principles.

Dec 2021 – Current

Frontend Developer – Freelance

- During this period, workers worked on many freelance platforms, such as Mostaql, Khamsat, and Upwork.
- I learned a lot about project management.
- I researched a lot of information on building websites.
- I worked with JS, ReactJS, HTML, CSS, Redux.

EDUCATION

2018- 2022   bachelor's degree in management information systems, Thebes Academy.

GPA: 3.15 (Very Good)

Graduation Project: Excellent.

Smart parking (Graduation Project):

- The project was written in Arduino code.
- Created a small model that expresses the project.
- I used electrical devices such as Arduino Uno, Arduino Mega, IR sensor, fire sensor, servo motor, and LCD 20*4.
- Led a team of 6 engineers to achieve these results.

PROJECTS

1. **Syntrum Solutions business website:**
   - Developed it using ReactJS, MUI.
   - Used React Hook Form for handling forms.
   - Implementing UI designs into live front-end code.
   - Applied Agile principles.
   - Applied semantic HTML concepts.
   - Applied clean code principles.

2. **Zerodrytime (UK/EG) business website (Portal & Dashboard):**
   - Created pages regarding ZDT portal.
   - Developed UI components and Logic functionalities regarding ZDT Dashboard.
   - Used ReactJS with RTK for state management.
   - Working on optimizing SEO, Performance and Accessibility of the portal.
   - Worked with my team to apply clean code concepts.
   - Used Git/GitHub for version control.

3. **Hakahana business website:**
   - Developed it using HTML, CSS, bootstrap, JS.
   - Implementing UI designs into live front-end code.
   - Applied Agile principles.
   - Applied semantic HTML concepts.
   - Applied clean code principles.

4. **B2C (Business-to-Consumer):**
   - Utilized Next.js for building a fast and scalable frontend for seamless user experiences.
   - Leveraged Tailwind CSS for efficient and customizable styling, ensuring a modern and responsive design for the consumer-facing interface.
   - Integrated Daisy UI components to enhance the user interface with pre-designed, accessible, and customizable elements, reducing development time and improving consistency.
   - Employed Jest for Testing to ensure robustness and reliability of the B2C platform through comprehensive testing methodologies, enhancing user satisfaction and minimizing issues.

5. **B2E (Business-to-Employee):**
   - Implemented Next.js for the B2E interface, enabling rapid development and deployment of internal tools and applications.
   - Employed Tailwind CSS for consistent and streamlined styling across various internal applications, facilitating a cohesive user experience for employees.
   - Integrated Daisy UI components to expedite the development process of internal tools, ensuring accessibility and usability for employees across different departments.
   - Utilized Jest for Testing to conduct thorough testing of B2E applications, ensuring functionality, security, and performance meet organizational standards, enhancing productivity and efficiency among employees.
6. **E2E Country business website:**
   - Leveraging Next.js, the website offers seamless navigation and fast page loading, enhancing user experience and engagement. With server-side rendering and pre-fetching capabilities, Next.js ensures that content is delivered swiftly, keeping visitors engaged and reducing bounce rates.
   - Tailwind CSS enables highly customizable styling, empowering developers to create a unique and visually appealing design tailored to the company's brand identity. By utilizing utility-first CSS classes, developers can efficiently design and iterate on the website's appearance, ensuring consistency across pages and components.
   - Daisy UI provides a library of pre-designed UI components that facilitate the development process, ensuring consistency and accessibility across the website. By incorporating Daisy UI elements, developers can rapidly build and maintain a professional-looking interface, saving time and effort while adhering to best practices in design and usability.
   - Jest is utilized to conduct comprehensive testing of website components and functionalities, ensuring reliability and robustness across different browsers and devices. With its powerful testing capabilities, Jest enables developers to identify and address potential issues early in the development cycle, enhancing the overall quality and stability of the business website.

INFORMATION

Military Status: Exempted

Languages: Arabic Native, English Excellent.