Itwela Ibomu

US Citizen

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Skills

React, Python, TypeScript, Java, Cloud Computing, React-Router, Data Structures, Algorithms, Responsive Design, API Integration, Animation, Graphic Design Product Design, Testing, Communication, Data Analysis, User Experience Enhancement, Software Development Life Cycle, Computer science, Version Control

Experience

Front-End Developer (volunteer), MyAssignmentHelp   January 2024 - Present

React | TypeScript | Tailwind CSS | GSAP

- Designed and developed a React-based website for an education company, collaborating closely with managers and applying key communication skills to obtain draft approvals and incorporate feedback to ensure alignment with business objectives, resulting in an enhanced user experience and responsiveness.
- Implemented GSAP to enhance user experience through captivating animations on load and on scroll, demonstrating proficiency in front-end development and creative problem-solving
- Built an efficient hover-based information display system using indexing techniques, resulting in enhanced user interaction and engagement

Projects

Data Entry Application   https://simplclaim.streamlit.app/

Python | API Integration | Artificial Intelligence | Databases

- Led the development of a data entry platform (Python) utilizing Streamlit, integrated the Google Docs API for seamless data management, resulting in improved data accuracy and efficiency in data entry processes
- Optimized platform functionality by seamlessly integrating the OpenAI API, enabling dynamic interaction with diverse datasets and sophisticated cost estimation capabilities. This integration led to streamlined processes for data interaction, cost estimation, and data population, significantly improving overall efficiency and usability

Personal Portfolio   https://www.itwela.dev/

React | API Integration | TypeScript | Tailwind CSS | GSAP

- Developed reusable components to showcase personal project details by integrating and seamlessly interacting with a Notion API, resulting in accurate and comprehensive display of Notion data thus enhancing user experience
- Created animation cleanup mechanisms to optimize performance and maintain consistency upon reload resulting in a 15% increase in load speed

Education

Western Governors University

Bachelor of Science, Major: Software Engineering   Expected May 2024

Relevant Coursework: Data Structures and Algorithms | Advanced Java

Extracurricular Activities

J.P. Morgan Software Engineering Virtual Experience on Forage   January 2024

Python | TypeScript | Object Oriented Programming

- Reduced 100% of bugs in a malfunctioning data feed script through rigorous unit testing, ensuring flawless web application output and seamless functionality
- Implemented enhanced search functionality by contributed to JPMC's open-source library using Git; resulting in a significant improvement in users' ability to locate information efficiently and effectively