

Itwela Ibomu

US Citizen

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Skills

React, Python, TypeScript, JavaScript, Java, Node.js, Cloud Computing, Data Structures and Algorithms, Web Application Development, Responsive Design, API Integration, Product Design, Testing, Profitability Analysis, Optimization, Communication, Data Analysis, User Experience Enhancement, Unit Testing, Data Scraping

Projects

Algorithm Development

<https://www.itwela.dev/Projects>

- Standardized and streamlined cycle of trading operations by designing an algorithm that enhances decision making processes and trading execution, resulting in improved overall profitability and speed
- Optimized algorithm functionality by integration with a cloud server service, enabling continuous operation 24/7
- Implemented Telegram's API for real-time signal communication, to facilitate instant notifications and enable seamless interaction with trading platforms, resulting in improved reliability and seamless interaction with trading platforms

Data Dashboard

<https://www.itwela.dev/Projects>

- Developed a React based dashboard to display basketball statistics, by implementing core product design principles, testing, and interacting with REST API's, resulting in an enhanced navigation experience with a real-time data fee
- Constructed and optimized data scraping and processing pipelines by building an API to scrape data from external sources, and conducted data processing and analysis to present relevant information, thereby enhancing data accessibility and insights for users

Landing Page

<https://www.bitezoflove.com/>

- Developed a React-based website for a business, collaborating closely with stakeholders to obtain draft approvals and incorporating feedback to ensure alignment with business objectives, resulting in an enhanced user experience and provided a more compelling introduction to the product, driving increased engagement and customer satisfaction
- Implemented responsive design principles in React to ensure a seamless user experience across various devices and screen sizes, fostering cross-functional compatibility and enhancing accessibility for all users

Data Entry Application

<https://simplclaim.streamlit.app/>

- 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

Education

Western Governors University

Bachelor of Science, Major: Software Engineering

Expected May 2024

Extracurricular Activities

J.P. Morgan Software Engineering Virtual Experience on Forage

January 2024

- 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, resulting in a significant improvement in users' ability to locate information efficiently and effectively