OMOOHWO OHWODUADJEKE

Software Engineer

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PROFILE

Omoohwo is a Software Engineer with four years of programming experience specialized in building complex web applications with proficient REST API using React and NodeJS. Having acquired vast knowledge in programming languages such as Python and Java, I approach programming with curiosity and a dedication to lifelong learning.

SKILLS

- ReactJS
- Python
- Java
- JavaScript
- Kotlin
- NodeJS
- HTML
- CSS
- Express.js
- MySQL
- SQLite
- Bootstrap

PROJECTS

Accommodation Rental 🔗
- Used React to create a Rental Web Application that enables users to book holiday accommodations such as hotels or campsites.
- BetterSQLite and SQLite3 were utilized to develop a session-based login system which applies middleware and session variables to protect specific data from unauthorized users.
- Utilized the Leaflet library to design the application map which visually displays user accommodation search result.

Space Invaders Game 🔗
- Applied the Pygame Library in the creation of the classic Space Invaders game. Structuring the game logic and tasks such as creating the display, updating the state of the game and rendering graphics.
- Implemented object-oriented programming (OOP) principles to organize and structure the code by using reusable components which enables easier management of the game.

Location Finder 🔗
- Used Java to build a Location Finder web application which allows users to search for points of interest such as cities, historical sites or restaurants.
- Implemented Java DAO classes, creating JSP pages for user interaction, and ensuring seamless integration between the Java backend and JSP frontend.
- Created an SQLite database for the locations which is rendered on Jakarta Server Pages (JSP) upon users search.
- Employed best practices in database indexing, caching strategies, and optimized queries to enhance overall system performance.

EDUCATION

Software Engineering   Southampton, England
Solent University

Electrical Electronics Engineering   Ozoro, Nigeria
Delta State University of Science and Technology

Secondary Level Education   Lagos, Nigeria
Kingston Secondary School