Brendan Obilo

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Professional Summary

Entry level computer programmer with knowledge in design, development and deployment of projects. Skilled in the use of Python, JavaScript, Java and open to learn more under good mentorship. Dedicated to building and optimizing user-focused websites and applications.

Skills

- Programming Languages: Python, JavaScript, Java
- Web Technologies: ReactJs, NodeJs, NextJs, HTML5, CSS3, Bootstrap, Tailwind, Redux toolkit
- Databases: MongoDB, Microsoft SQL Server, Firebase
- Software testing: Selenium IDE, Selenium web driver
- Perform replacement of desktop PC components using accepted industry procedures
- Configure BIOS, input/output device and storage devices according to industry's best practices

Work Experience

Web developer, Vision Bling, Nigeria.   April 2023-Present

- Among the team that developed the Fliprecharge application (https://fliprecharge.biz), this application is a live telecommunication web application that users use to pay bills, purchase internet data, and airtime for mobile phones.
- Designed and developed the frontend by modifying a ReactJs online template to suit the requirements of the application and creating a landing page from scratch using HTML5, CSS3, and bootstrap.
- Modified the frontend of the web application into a user section and an admin section using React Router Dom.
- Used the Redux toolkit for all state management and used Redux Persist to save them to the persisted storage.
- Developed APIs for backend responses, passing payloads to Redux Store for easy data use or get error messages in validation or authentication issues using "toastify".
- Participated in MongoDB database design using Mongoose, arranged data into relational models using foreign and primary keys for relationship between schemas.
- Created junction tables to accommodate two primary keys from different tables as foreign keys to the junction table to get the desired information or data needed.
- Determined the constraints and data types to validate the data stored in each schema.
- Participated in the development of the backend with NodeJs and wrote the CRUD operation codes to perform data manipulation.
- Participated in the implementation of payment integration using the Monnify payment gateway platform.
- Performed the implementation of API integration for telecommunications API platforms like Transit, Sonite, SME, and Glo in the purchase of data bundles for users.
- Participated in the creation of virtual bank accounts, which users can transfer money into using their mobile app and get instant notifications about user account on the web application.
- Wrote the code, which uses socket.io for instant notification for money transfer transactions.
- Use Postman to test the REST API before connecting the backend and the front end.

Web developer, GMTSoftware Abuja FCT   Sept 2022 - Dec 2022

- Participated in development of full-stack web applications which check drugs interaction, this

application takes an input of two drugs and checks if there is any interaction between them and gives you you required result.
- Developed the front end section of the application using ReactJs.
- Participated in designing the database architectural structure of the database MongoDB
- Participated in the creation of the schema using mongoose for data storage.
- Use postman to test REST API
- Built lot of interactive and single page React Apps which where totally responsive.
- Taught interns how to create basic landing pages with HTML5, CSS3, Tailwind and Bootstrap and write clean codes following best coding standards

Intern, GMTSoftware Abuja FCT   Feb 2022 - Aug 2022

- Participated in developing various landing pages using HTML5, CSS3 and Bootstrap and tailwind.
- Understood basic fundamentals of JavaScript and wrote some codes with it.
- Participated in building various interactive and static landing page React Apps
- Participated in creating connection strings for MongoDB using NodeJs as a backend tool.
- Participated in creating basic CRUD operations in NodeJs.
- Learned how to use postman to test REST API
- Learned how to write clean codes following best coding standards

Education

Computer Programming   Jan 2024- Present
Durham College

- Object Oriented Programming- Applied object-oriented concepts such as encapsulation, inheritance and polymorphism through the design of simple classes using Java.
- Web development- Created well-designed, static webpages implementing HTML and CSS, and Implemented JavaScript/DOM to provide dynamic functionality on web pages.
- Software Testing and Automation - Wrote automated functional tests cases and debugged test cases with the use of selenium software tools for Web applications.
- System development-Created documentation to communicate the nature, requirements, feasibility and value of a software system.
- Introduction to Programming- Basic fundamentals of structured programming using Python programming language
- Introduction to Databases- Relational database management system, data dictionary, entity relationship diagram, Microsoft SQL server, Microsoft Visio
- Data Communication and Networking - Used packet tracer to build local area networks, configuration of basic settings on router and switches, subnetting of ipv4 and ipv6 network address.
- Computer systems hardware- Resolved hardware issues that may occur in desktop PC's using accepted industry procedures, performing replacement of desktop PC components using accepted industry procedures, description of computer components according to functionality and compatibility, configuration of BIOS.

B.Pharm   Nov 2014 - October 2019
University of Nigeria Nsukka

- Clinical Pharmacy and Pharmacy Management
- Pharmaceutics
- Pharmacology and Toxicology
- Pharmaceutical Technology and Industrial Pharmacy
- Pharmaceutical and Medicinal Chemistry
- Pharmacognosy and Environmental medicine.

Certification

Certificate Of Completion   August 2022

GMTsoftware

- Completed a course in ReactJs, ExpressJs, NodeJs and MongoDB