

Ochuko Onomavwe | Software Developer

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Summary:

As a software developer, I have a passion for creating and building innovative and efficient applications. With a strong foundation in frontend technologies such as HTML, CSS, and JavaScript, I am able to create engaging and intuitive user experiences. I also have experience in backend technologies such as Node and MySQL, allowing me to seamlessly connect the frontend with a reliable and efficient backend. My strong problem-solving and communication skills, along with my ability to work well in a team environment, make me an asset to any development project. I am excited to continue learning and growing as a developer while creating meaningful and impactful applications.

Frontend Skills:

- HTML/CSS: Proficient in creating and styling web pages using HTML and CSS.
- JavaScript: Strong understanding of JavaScript language, including ES6 features such as arrow functions and destructuring.
- React: Experienced in building user interfaces using React, including creating custom components and integrating with APIs.
- Responsive Web Design: Skilled in designing and building web pages that are optimized for various devices and screen sizes.
- Bootstrap: Proficient in using the Bootstrap framework to create responsive layouts quickly and easily.
- Figma: Proficient in design and prototyping using Figma.
- Git/Github: Proficient in version control and collaboration using Git and Github.
- TailwindCSS: Proficient in styling and layout using the TailwindCSS framework.
- Material UI: Proficient in creating user interfaces using the Material UI library.

Backend Skills:

- Node.js: Experienced in building web applications using Node.js and the Express framework.
- REST APIs: Skilled in building REST APIs using Node.js, including creating endpoints and handling requests and responses.
- MongoDB: Proficient in using MongoDB for database management, including creating and querying collections and documents.
- Passport.js: Experienced in implementing authentication and authorization using Passport.js and JSON Web Tokens.
- Serverless Functions: Skilled in creating and deploying serverless functions using platforms such as AWS Lambda.
- PostgreSQL: Proficient in designing and implementing database solutions using PostgreSQL.
- Microsoft Workbench: Experienced in creating and maintaining database schemas using Microsoft Workbench.
- ER Diagrams: Skilled in creating and interpreting Entity Relationship Diagrams to model database relationships and structures.

Career Summary

March 2021 - Present **Order Manager, Openreach UK**

- Managed end-to-end delivery of customer orders in jeopardy to improve order journey for excellent customer experience.
- Managing third party relationships as well as stakeholders' engagement in identifying and improving the order journey of the FTTP provision orders.
- Ensured civils work and network infrastructure are completed as dependency for delivery of full fibre service.
- Identified avoidable dependencies to navigate alternative solutions to make orders fluid and provide service as quickly as possible to end customers.
- Cross-functional collaboration with multiple departments to ensure prompt service delivery to improve customer experience.
- Proactively taking ownership of internal/external escalations, both director level, to ensure efficiency in resolution.

2021 to Present **Software Development, Codehance UK**

- Excellent implementation of Agile methodology for managing the complete SDLC
- Full stack developing of web apps using React, HTML, CSS, and JavaScript
- Building responsive websites using HTML, CSS, and JavaScript
- Producing amazing prototype designs for development using Figma
- Built RESTful API with Node.js, Express, TypeScript and MongoDB
- Built RESTful API with Node.js, JavaScript and PostgreSQL
- App design involving database design to handle data in the backend.

Jan. 2022 – March 2022 **Software Development Consultant** **Volunteering**

- Excellent stakeholders' engagement
- Applied IT and software development knowledge to resolve translation issue that had existed for several years.
- Engaged web hosting knowledge and website translation knowledge to resolve website translation issue.

Project Experience:

Weather App (APIs Connected)

I developed a weather application connected with APIs to get current weather details for cities and forecast weather details for cities for a period of five days into the future. This was designed and developed to have cities autocomplete search functionality with potential search matches displayed as you type in the search bar.

This weather app consists of two major components, which are the current weather details, and the forecast weather details. Two APIs were connected to the weather app and data injected into the code to give weather details in real-time.

The weather app with cities autocomplete was built, styled, and made functional by engaging the following tools.

- Built with JavaScript utilizing React.js framework
- Styled entire app using CSS
- Implemented search functionality using pagination, useState, and fetching data from APIs.
- Utilising accordion to display weather forecast in an organised manner.

JobPlus (Job Site Search Engine)

I built a job site search engine by gathering a list of job websites and creating a database of job postings from these websites. I then developed a search interface that allows users to input their desired job title, location, and other relevant information to search for job postings that match their criteria.

The search engine also includes filters and sorting options to further refine the search results. Finally, I implemented a system to regularly update the database with new job postings to ensure that the search results are always up to date.

- Built the frontend and backend using JavaScript
- Utilized TailwindCSS, MaterialUI, SASS, Flexbox, and Grid for styling and layout
- Implemented search functionality using SQL queries
- Created a user registration and login system using JWT authentication

Website Upgrade

I upgraded existing website built on PHP, and WordPress CMS to professional looking standard. Raised website security and confidence by ensuring SSL certificate renewal and improved indexing and SEO.

- Built on WordPress CMS and PHP
- Improved website styling using CSS
- Ensured SSL certificate renewal to improve indexing and SEO

Receipt Tracker App (Server, API)

I built a server API to keep track of expenses. Users are able to submit their receipts to the server API, which will store those receipts in a database.

Each receipt was designed to contain the following fields: ID (string generated by the server/database; not part of input), Category (string enum) - "Entertainment", "Transport", "Groceries", "Shopping", "Other" - Title (string), Cost (number), Time when added (ISO8601 compliant date-time string). A CSV file would be produced to generate report server side with all database entries, where each entry additionally shows percentage from total costs recorded for the period.

The server exposes REST API endpoints to: Register new receipts, get all receipts, and get receipt by its ID. The following was done to achieve this.

- Built the using JavaScript (Node.js)
- PostgreSQL for database
- Tested end points using Postman

Landing Page (Figma Design)

- I designed a user-friendly landing page with very pleasant user interface with all features nicely put together to provide great user experience when prototyped and once developed into an app.
- The design was achieved by making excellent choice of colours to be used in the project, creating user stories that capture all features to be included in the project and correctly interpreting requirements to ensure that the finished product meets client's quality expectation as well as serve the designed purpose.

Education

BSc, Computing, and Information Technologies | University of Derby

Database designs, network management and security, entity relationship models, design patterns, relational and non-relational databases, programming (PHP, Java, JavaScript, and SQL), creating quality products/secure apps, computing technologies in society, software engineering, Agile and Scrum etc.

Codehance Tech Training: Data Structures, Algorithms, JavaScript, Database Systems, React & Node.js, HTML, CSS, SASS, Tailwind.

Additional Skills:

- Fluent in English
- Excellent written and verbal communication skills
- Strong teamwork and collaboration skills
- Experience with agile development methodologies and Scrum
- Great attention to details with strong analytical skills

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