



Nelson Nelson-Atuonwu

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Core

Competencies:

- Vue.js
- JavaScript
- TypeScript
- SCSS
- CSS-in-JS
- ES6
- Design Systems
- Nuxt.js
- Serverless

Others:

- React
- Unit Testing
- Performance Optimization
- UI Design
- Responsive Design
- Build Systems

Profile

I am a Javascript Engineer that's focused on the Vue.js front end framework and occasionally dabbles with React. I have a passion for User Interface Design & Research, Utility CSS, and Serverless Technologies like Netlify Functions, AWS and Google Cloud. When I'm not working on projects for clients or clearing tasks off my kanban board, I work on a passion project JAM stack application called The Tech Directory.

Experience

LEAD FRONTEND ENGINEER (CONTRACT) – BETFARM

MAY 2020 - PRESENT

- Rebuilt frontend from scratch with Vue.js from Ember, decreased time to FMP (First meaningful paint) by 60%, and delivered a gzipped bundle of only a few kilobytes as opposed to the 6MB of the Ember application.
- Implemented application-wide shared Web Socket instance connection with an automatic long pooling connection fallback.
- Converted Figma designs to HTML and CSS representations using semantic HTML and Tailwind CSS.
- Implemented server-side generated theme support on client with CSS and Javascript.

SOFTWARE ENGINEER – INTERSWITCH

AUG 2019 - PRESENT

- Added various features to several middleware applications built with Java EE and Spring boot and deployed to production.
- Built a USSD middleware service to communicate with USSD gateway for offline transaction processing with Java EE.

LEAD FRONTEND ENGINEER (CONTRACT) – DESEVENS DIGITAL

FEB 2019 - AUG 2019

- Crafted a design system and built a Vue.js component library system to create consistency across various in-house applications.
- Converted Figma & Sketch Designs to pixel perfect HTML and CSS representations.
- Removed dead code, optimized existing codebases and shaved off ~20-30% from the overall bundle size which improved site load times and performance.
- Familiarized myself with working remotely in an agile environment with a global disturbed team of engineers.
- Swapped out Bootstrap for custom BEM (Block Element Modifier) CSS classes.

FULL STACK ENGINEER (CONTRACT) – STEAM BORADCASTING

JAN 2018 - JUNE 2018

- Familiarized myself with working remotely in an agile environment with a local disturbed team of engineers.
- Built an event ticketing JSON API compliant RESTful API service from the ground up with Laravel.
- Collaborated on the implementation of live radio streaming service via HTTP for COOLFM Nigeria.

- Built a custom and scalable Vue.js component library for fluency and reusability across applications.
- Built various frontend applications with Vue.js and Javascript.

SOFTWARE DEVELOPER– PRINTANYTHING NIGERIA

FEB 2017 - AUG 2017

- Built a Wordpress POS plugin with extensible payment integration options such as Paystack, Ravepay and Payant
- Optimized existing in-house Wordpress websites and improved overall site performance by ~30% across board.
- Improved organization git workflow, and introduced CI/CD pipelines for product updates and improvements.
- Spare-headed the development of in-house features for campaigns and holidays on tight deadlines.
- Participated in product-brainstorming sessions with management and business development.

FRONTEND DEVELOPER– PAYPORTE

JUNE 2016 - SEPT 2016

- Learnt how to work in a team, work with tight deadlines, and execute tasks independently.
- Learnt VCS (Git) and how to utilize it for project collaboration.
- Sliced photoshop designs and produced pixel-perfect replicas in HTML & CSS using Semantic HTML and Bootstrap 3.
- Built a vanilla javascript slider plugin used in company marketing pages.

Education

SALEM UNIVERSITY, NIGERIA – BACHELORS COMPUTER SCIENCE

2014 - 2018

- Learnt Computer Science fundamentals (Algorithms & data structures)
- Built a mobile application with Embarcadero C++ for accessing our school portal easily on Android devices.
- Built a hostel management system with PHP, Bootstrap and JavaScript to manage and book hostel accommodation before and during semesters.
- Acted as the Project Manager for software group called 'Binary' and served as the Software Director for NACOSS.

Certifications

PLURALSIGHT SKILLS IQ SCORES

<https://app.pluralsight.com/profile/nelson-nelson-atuonw>

- Vue.js - Expert
- Javascript - Expert
- React - Intermediate
- CSS - Expert
- HTML - Expert