EMELDER OKAFOR

SOFTWARE ENGINEER

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[Emelder-Okafor](#)

[Personal-Project-Portfolio](#)

SUMMARY

I'm a software engineer with expertise in building responsive, interactive and user friendly interfaces using Next.js, React.js, JavaScript and other technologies for developing interactive and scalable frontend applications. Skilled in both independent and collaborative settings, I focus on delivering effective and optimized solutions.

TECHNICAL SKILLS

- NextJs
- ReactJs
- React Native
- WordPress
- TypeScript
- JavaScript(ES6)
- HTML/HTML5
- CSS/SASS
- TailwindCSS
- Shadcn
- Chakra-UI
- React-Aria
- Styled-Components
- Bootstrap
- Version control tools - Git, Github, BitBucket
- Web APIs -REST & GraphQL APIs
- Figma/Zeplin
- Testing and Debugging
- Cross-Browser Development
- Authentication and Authorisation

PERSONAL PROJECTS

[Personal-Project-Portfolio](#)

PROFESSIONAL EXPERIENCES

1. **Software Engineer**   Jan. 2023 - Aug. 2024
   Octosoft Technologies, Lagos, Nigeria.

A. Octodoc Hospital Information Management System (HIMS)

HIMS is a robust, agile solution for healthcare institutions which provides an efficient platform for managing hospital information, records and operations. It features an optimized codebase for increased system performance, API integrations for versatility and modules like Billing, Admin, EMR, Appointment Scheduling, Laboratory and CRM for flexibility.

Responsibilities:

- Employed agile methodology and diligently adhered to best practices while building different modules on the HIMS.
- Continuously optimized codebase quality, efficiency and maintainability, resulting in an 85% system performance boost.
- Integrated APIs, refined pagination and conducted general fixes on the Billing, Admin, Appointment, and CRM modules.
- Collaborated with other frontend developers to continuously maintain, debug and introduce new features on HIMS modules.

B. Octodoc Admin Portal

The Octodoc Admin Portal, a dynamic tool for overseeing Octosoft's suite of products. Integrating seamlessly with Octodoc HIMS (Providers), Octodoc Merchant (Payers) and Octodoc mobile app (Customers), the Admin Portal serves as a centralized tool, displaying insightful dashboard statistics and facilitating operational monitoring across all products.

Responsibilities:

- Led a three-developer team in Agile-driven development of admin portal modules (providers, payers and customers) while adhering to best practices.
- Continuously enhanced codebase quality, efficiency, readability and maintainability.
- Interacted with HIMS, Merchant and Mobile app to display dashboard statistics and monitored the flow of operations on each product.
- Conducted bi-weekly, 2-hour sprint planning and retrospectives.

SOFT SKILLS

- Fast learner, ability to think fast and critically.
- Excellent communication in English.
- Ability to work independently and as part of a team.
- Detail-oriented and able to handle multiple tasks simultaneously.
- Strong organizational and time-management skills.

EDUCATION

AltSchool Africa

Diploma in Frontend Engineering
2022 – 2023
View certificate

Nnamdi Azikiwe University, Nigeria

Bachelor's Degree in Electrical Engineering,
2nd Class Honors-Upper Division
2009 – 2015
View certificate
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CERTIFICATIONS

Certified UI/UX designer 2022
Coursera.
View certificate

Project Management Professional (PMP)   2015
HiiT Technologies
View certificate

C. Octodoc Market Place (octodoc.com**)**

The Octodoc Marketplace is a dedicated platform designed to offer and sell health plans in partnership with various HMOs.

Responsibilities:
- Developed high-quality, responsive frontend components using Next.js and TypeScript.
- Integrated these components with backend services and third-party APIs to ensure reliable data flow which increased the company's revenue by 70%.
- Leveraged SEO strategies and performance optimizations, including lazy loading and memoization, to improve load times and enhance the app's usability.

Tech Stacks: NextJs, ReactJs, Typescript, JavaScript, Chakra-UI, TailwindCSS

2. Software Engineer   **June 2023**
   DailyPayAfrica Admin Dashboard (Contract)

 Responsibilities:
- Converted detailed designs (admin dashboard and client website) and mockups into high-quality, responsive frontend components using NextJs, and Typescript, ensuring a seamless user experience across devices.
- Integrated frontend components with backend services and third-party APIs, facilitating smooth data flow.
- Implemented client-side security measures and ensured secure handling of authentication tokens and user data.
- Implemented SEO and performance optimization techniques such as lazy loading and memoization to enhance the app's performance and load times.

 Tech Stacks: NextJs, ReactJs, Typescript, Shadcn, TailwindCSS

3. Frontend Developer   **2020 - 2022**
   Ascendancy, Lagos, Nigeria

 Responsibilities:
- Designed effective, maintainable and scalable user interfaces for clients and brands.
- Collaborated with backend engineers to define solution requirements for applicable development variables.
- Identified and implemented dynamic web solutions in accordance to company standards and best practices.
- Collaborated with UI/UX design teams to transform clients wireframes from conception to implementation.

 Tech Stacks: ReactJs, JavaScript, Styled-components, TailwindCSS

4. Technical Staff (Support)   **2017 - 2019**
   Rural Electrification Agency, Abuja, Nigeria

 Responsibilities:
- Tested and maintained recommended software improvements.
- Data analysis, sorting and manipulations.
- Researched, integrated and managed software applications.
- Identified areas for modification in existing applications and making the necessary updates.