EMELDER OKAFOR

SOFTWARE ENGINEER

+447881172787 | emelder.charles25@gmail.com

London, UK

Emelder-Okafor

Personal-Project-Portfolio

PROFESSIONAL SUMMARY

I'm a software engineer with expertise in building responsive, interactive and user friendly interfaces using NextJs, ReactJs, React Native, JavaScript, TypeScript 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.

EXPERIENCES

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

   i.   **Octodoc Mobile App**

   A React Native-powered mobile app designed to streamline access to healthcare services, available on both Android and iOS platforms. The app allows users to book appointments, consult with healthcare providers online, and track their consultation history, making healthcare accessible.

   Responsibilities:
   - Employed agile methodologies and adhered to best practices to enhance codebase quality, maintainability, and system performance.
   - Developed and refined core features, including appointment booking, chat, and video consultations, which improved user experience and boosted revenue by 40%.
   - Integrated APIs for real-time communication and data synchronization with the HIMS and other backend systems.
   - Collaborated closely with frontend developers to maintain, debug, and introduce new features, ensuring seamless functionality and optimal app quality

   ii. **Octodoc Admin Portal**

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

iii. **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: React-Native, NextJs, ReactJs, Typescript, JavaScript, CSS, Chakra-UI, TailwindCSS

2. Frontend Developer (Contract), *Jan. 2023 - April. 2023*
DailyPayAfrica (Admin Dashboard)

Responsibilities:

- Converted detailed designs (admin dashboard and client website) and mockups into high-quality, responsive frontend components while ensuring a seamless user experience across devices.
- Integrated frontend components with backend services and third-party APIs.
- Implemented client-side security measures and ensured secure handling of authentication tokens.
- 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, *Jan. 2020 - Dec. 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 web applications
- Identified and implemented dynamic web solutions in using best practices.
- Collaborated with UI/UX design teams to transform clients wireframes into interactive web applications from conception to implementation.

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

4. Technical Staff (Support), *Nov. 2017- Jan 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.

TECHNICAL SKILLS

- NextJs
- ReactJs
- WordPress
- TypeScript
- JavaScript(ES6)
- HTML/HTML5
- CSS/ CSS frameworks
- iOS development
- Android development
- Web development
- Software development
- Tailwind CSS
- SASS
- Slack
- Jira
- Styled-Components
- Bootstrap
- Version control tools - Git, Github, BitBucket
- APIs -REST & GraphQL APIs
- Figma
- Unit Testing
- Debugging
- Cross-Browser Development
- Authentication and Authorization
- Search Engine Optimization (SEO)

SOFT SKILLS

- Fast learner, ability to think fast and critically.
- Excellent communication skills 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
- Major in Frontend Development (React and Vue)

Sep. 2021 - July 2023

View certificate

Nnamdi Azikiwe University, Awka, Anambra State, Nigeria

- Bachelor's Degree in Electrical Engineering,
- 2nd Class Honors-Upper Division
- Major in Power and Machines , Minors in Computer Engineering

Sep. 2009 - July 2015

View certificate

CERTIFICATIONS

Certified UI/UX designer,
Cousera.
December 2002

View certificate

Project Management Professional (PMP),
HiiT Technologies.
October 2015

View certificate