EMELDER OKAFOR

Frontend Developer

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Portfolio: https://emelderokafor.vercel.app

PROFESSIONAL SUMMARY

I'm a Frontend Engineer with 4+ years of experience building web applications that are fast, reliable, and easy to use. I enjoy creating reusable UI components, improving design systems, and making sure every user interaction is smooth and accessible. I have experience with React.js, Next.js, Vue.js, TypeScript, and cloud platforms like Azure, and I thrive in Agile teams where I can solve problems, optimize performance, and help make the developer experience better.

TECHNICAL SKILLS

- **Frameworks & Languages:** React.js, Next.js, Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS3.
- **Styling and Design System:** Tailwind CSS, Chakra UI, Material UI, Styled Components, SASS/SCSS, LESS, Storybook, Figma, Canva, Zeplin.
- **State Management & Architecture:** Zustand, Redux Toolkit, Context API, Component Library Design, Modular Frontend Architecture, React Query.
- **API Integration:** GraphQL, RESTful APIs, JSON, XML, SOAP, Headless CMS
- **Testing & QA:** Jest, React Testing Library, Cypress (E2E), Test-Driven Development (TDD), Playwright
- **Tools & DevOps:** Git, GitHub, Webpack, Vercel, Vite, Docker, AWS Cloud Deployments, Azure DevOps, CI/CD pipelines, Jira, Babel, ESLint, WebSockets, JSON, NPM, Kanban
- **Performance Optimization:** SSR, Client Side Rendering, Code Splitting, Bundle Optimization, Core Web Vitals, Caching, Load Testing, LightHouse
- **Data visualization & charts**: D3.js, Plotly, Three.js, Highcharts
- **Principles & Practices:** Responsive Design, Web Accessibility (WCAG), Performance Optimization, Agile/Scrum, Mobile-First Development, Cross-browser Compatibility, Web Performance

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PROFESSIONAL EXPERIENCE

Frontend Developer (Contract) | Low Carbon, UK | August 2025 - Present

- Lead development of Juniper, a power sales and management platform using React 19, Next.js, TypeScript, and Material UI, enabling asset management and business simulations.
- Implemented comprehensive testing strategies using Jest and React Testing Library, integrated into an Azure DevOps CI/CD pipeline to ensure high-quality, maintainable code.
- Implemented secure authentication and user role management using Azure OAuth.
- Deployed and maintained the platform via Azure DevOps CI/CD pipelines.
- **Technologies:** Next.js, Jest, TypeScript, Material UI, Zustand, Azure OAuth, Azure DevOps, CI/CD

Frontend Developer | Unify Giving, UK | Nov 2024 - July 2025

- Owned the development of subscription and checkout flows for financial services dashboards, focusing on security, accessibility, and conversion rate optimization.
- Collaborated closely with product managers, designers, and backend engineers in a feature team to ship user-facing products.
- Integrated and managed data from various third-party APIs and SDKs to deliver dynamic content and functionality.
- **Technologies:** Next.js, React.js, TypeScript, Chakra UI, Jest, Tailwind CSS, JavaScript, HTML, CSS

Frontend Engineer | Octosoft Technologies, Nigeria | Jan 2023 - Oct 2024

- Led the design and development of healthcare applications, reducing patient check-in time by 60% and boosting operational efficiency by 85%.
- Built real-time patient data visualisations and medical dashboards, enabling 65% faster clinical decision-making.
- Enhanced the Octodoc Mobile App (React Native), improving patient retention by 85% and serving 10,000+ patients.
- Implemented performance optimisations that reduced load times by 80% and increased user engagement by 60%.
- **Technologies:** Next.js, React.js, React Native, TypeScript, Chakra UI, Tailwind CSS, JavaScript, SASS

Frontend Developer | Ascendancy LTD, Nigeria | Nov 2020 - Dec 2022

- Developed data-centric web interfaces for fintech solutions using React.js and Vue.js
- Created responsive, data-intensive dashboards to support business decision-making.
- Collaborated with backend and product teams to deliver full-stack solutions.
- **Technologies:** React.js, Vue.js, SASS, JavaScript ES6, Styled Components, HTML, CSS

EDUCATION

- **MSc Web Development** | University of Roehampton, London | Sep 2025
- **Diploma in Frontend Engineering |** AltSchool Africa | July 2023
- **BEngElectrical and Computer Engineering |** Nnamdi Azikiwe University, Nigeria | July 2016

CERTIFICATIONS & PROJECTS

- Google UI/UX Design Professional Certificate
- AWS Certified Developer - Associate (In Progress)

Salon Booking Application | *2025 – Present*

- Leading full-stack development of a booking platform using Next.js and TypeScript.
- Implemented an advanced calendar and state management with Redux Toolkit, improving booking efficiency by 85%.
- **Live Demo:** lush-beauty-app.vercel.app | **GitHub**: github.com/Meldy2503/lush-beauty-app