

# EMELDER OKAFOR

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## FRONTEND ENGINEER

<https://www.linkedin.com/in/emelder-okafor/>

[Portfolio](#)

Thornton Heath, London, UK

## SUMMARY

Results-driven Frontend Engineer with expertise in React.js, TypeScript, Next.js, and JavaScript, passionate about building high-performance, data-driven applications. Adept at developing innovative data visualizations, optimizing UI/UX for performance and accessibility, and collaborating with trading, operations, and support teams to build efficient internal tools. Skilled in state management, testing, and AI-assisted development tools. Enthusiastic about working on challenging problems in the cryptocurrency space.

## WORK EXPERIENCES

### Frontend Engineer - NextJs, React & React Native Octosoft Technologies

*Jan 2023 - Aug 2024*

- Developed and optimized responsive and scalable UIs for complex institutional and financial applications.
- Built innovative portfolio visualizations and dashboards, enhancing user experience and real-time data interpretation.
- Worked closely with traders and operational teams to implement optimized internal tools, improving efficiency.
- Engineered real-time data updates and state management solutions, ensuring seamless performance.
- Integrated AI-assisted development tools to streamline workflow and enhance productivity.
- Implemented automated testing (Jest, Cypress) to improve system reliability and prevent regressions.
- Championed performance optimizations, reducing load times by 85% and increasing user engagement by 30%.
- Led key enhancements in the Octodoc Mobile App, maintaining live deployment on Google (Android) and (Apple) iOS stores, improving customer retention by 45%.

### Frontend Developer - React Ascendancy LTD

*Nov 2020 - Dec 2022*

- Designed and built scalable, high-performance client-side applications using React.js, TypeScript, and Next.js.
- Developed data-intensive dashboards for financial services, focusing on user experience and visual clarity.
- Integrated cryptocurrency APIs and blockchain-related tools to provide real-time data updates.
- Led the implementation of Styled Components and modern UI frameworks for better code maintainability.
- Collaborated with backend engineers, designers, and product teams to develop full-stack solutions.
- Conducted unit and integration testing, ensuring high code quality and performance.

### Technical Support Staff Rural Electrification Agency

*Oct 2017 - Oct 2020*

- 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

# VOLUNTEERING

- Volunteer Software Developer | Unify Giving, UK

Jan 2025

  - Support Unify Giving’s mission by developing digital tools that connect donors with individuals in need, promote financial independence, and enhance the accessibility of cashless payment systems.
- Volunteer Tutor | Cuida.tech

Aug 2024

  - Taught basic tech skills (HTML, CSS, and SCRATCH) to underprivileged communities and children, enhancing digital and financial literacy, and promoting future opportunities through accessible, real-world tech education.

# TECHNICAL SKILLS

- Frontend Development:** React.js, Next.js, TypeScript, JavaScript(ES6+), Styled Components, HTML5, CSS3
- Data Visualization:** D3.js, Chart.js, Highcharts, Real-time Data Updates
- State Management:** Redux Toolkit, Context API
- AI-Assisted Development:** Cursor, GitHub Copilot
- Performance Optimization:** Lazy Loading, Code Splitting, Web Performance Tuning
- Testing & Quality Assurance:** Jest, Cypress, Unit Testing, Integration Testing
- Blockchain & Crypto Apps:** Web3.js, Crypto API Integration, Smart Contracts Interaction
- API Integration:** RESTful APIs, GraphQL
- Version Control & Agile Development:** Git, GitHub, Bitbucket, Agile, Scrum
- Cloud & Deployment:** AWS, Netlify, Vercel, Docker
- UI/UX Collaboration:** Figma, Zeplin, Wireframing, Prototyping

# SOFT SKILLS

- Strong problem-solving skills with a focus on data visualization and UI performance.
- Excellent communication skills, with experience in cross-team collaboration and trader interactions.
- Autonomous and async-ready, thriving in remote-first and fast-paced environments.
- Passionate about cutting-edge technology, blockchain, and cryptocurrency applications.

# EDUCATION

- Diploma in Frontend Engineering - React.js & Vue.js

Sep 2021 - July 2023

AltSchool Africa

[View certificate](#)
- B.Eng - Electrical and Computer Engineering

Sep 2009 - July 2015

Nnamdi Azikiwe University, Nigeria

[View certificate](#)

  - G.P.A - 2nd Class Honors - Upper Division

# LANGUAGE

- English:** Fluent (Oral & Written)

# CERTIFICATIONS

- Google UI/UX design Professional Certificate

[View certificate](#)
- AWS Certified Developer - Associate

In - Progress