

Okwuidegbe Emmanuel

Frontend Engineer

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[LinkedIn](#)

[Github](#)

[My Portfolio](#)

EXECUTIVE SUMMARY

Frontend Engineer who scales user engagement through performance-optimized, accessible web solutions.

With 5+ years of experience building scalable and secure applications, I specialize in **JavaScript/TypeScript, React**, and **Next.js**. I've led frontend initiatives, developed CI/CD pipelines, integrated secure APIs, and delivered high-impact features that drive business growth. Adept at transforming complex problems into intuitive user experiences, I bring a blend of design sensitivity and engineering rigor to every project.

EXPERIENCE

Glovez, Lagos-Nigeria (Remote) — Frontend Engineer

March 2023 - till date

- Deliver tailored web solutions, enhancing user experience and increasing client engagement by **30%**.
- Design **responsive and SEO-friendly** websites for small businesses, driving online traffic growth.
- Led migration of all internal web applications from **JavaScript to TypeScript**, achieving a remarkable **95%** reduction in defects and elevating developer productivity by **30%**
- Optimized web apps for a **42%** faster load time and secured a stellar **95%** SEO score using lazy loading and optimizing image load times

TECHNOLOGY

Languages: HTML5, JavaScript, TypeScript, CSS

Frameworks: NextJS, ReactJS, NodeJS, ExpressJS

UI Libraries: SCSS, SASS, TailwindCSS, ChakraUI, Bootstrap

Databases: MongoDB, Redis, Postgresql

Tools/Libraries: Git, GitHub, Jest, React Testing Library, Storybook, Redux, AWS, Redux Toolkit, Zustand, SPA, Docker, RTK Query, Firebase, Webpack, Vitest, Microservices, Modular Monolithics, Restful API

GitStart, San Francisco, California-United States (Remote) — FullStack Web Developer

December 2021 – September 2022

- Delivered optimized pull requests that accelerated delivery cycles for fast-scaling engineering teams.
- Refactored legacy code into reusable components, improving maintainability by **25%**.
- Automated CI/CD pipelines using **GitHub Actions + Docker**, enhancing release frequency.
- Enhanced app reliability using **Jest and Cypress**, reducing critical bugs and application downtime by **98%**
- Collaborated successfully with stakeholders across departments, ensuring project milestones were met on time and within budget.

Compute Essentials Inc, Wyoming-United States (Remote) — Frontend Developer

August 2018 – November 2021.

- Led **frontend automation** effort, cutting QA time in half.
- Created CI/CD pipelines for frontend deployment, reducing manual release time by **40%**
- Integrated third-party APIs for **real-time data syncing** and multi-factor authentication
- Designed and developed multiple web applications for real estate companies improving company visibility.

Andela, Lagos-Nigeria — Software Engineer Intern

March 2019 – June 2019.

- Built reusable UI components, reducing dev hours per project by 20%.
- Developed **Quick Credit**, an online micro-lending platform for underserved users.
- Practiced test-driven development using **Mocha + Chai**, increasing backend reliability

SOFT SKILLS

Excellent communicator,
Detail-oriented ,
Efficient time manager,
Problem-solver,
Adaptable,
Cross-functional team player.

LANGUAGES

English: Native

German: Beginner

PROJECT HIGHLIGHTS

[Vision App](#) – AI-powered app that uploads an image, saves it to cloudinary and asks google gemini ai questions about the image.

[Protronics](#) – Corporate site for an electronics provider, optimized for performance and SEO.

[FabspaceAI](#) – AI-powered platform featuring dynamic user workflows.

[Gitstart Contributions](#) – PRs merged into production for scale-up tech teams.

[Random Quote Machine](#) – Generate random quotes.

EDUCATION

Madonna University, Nigeria — *Bachelor of Engineering (BE) in Chemical Engineering*

October 2011 – October 2016

CERTIFICATIONS

[Coursera: Jobberman Soft Skills Course](#)

JUNE 2021 - NO EXPIRY DATE

[Pluralsight: TCP/IP Networking for Developers](#)

MAY 2021 - NO EXPIRY DATE

[FreeCodeCamp: Javascript Algorithms and Data Structures](#)

DECEMBER 2020 - NO EXPIRY DATE

[Cisco: Introduction to Cyber Security](#)

MAY 2020 - NO EXPIRY DATE

[FreeCodeCamp: Responsive Web Design](#)

JUNE 2019 - NO EXPIRY DATE