

Chukwuemeka Uzukwu

Frontend Engineer

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Summary

Senior Frontend Engineer with over 5 years of experience in crafting user-centric software solutions. Proficient in React, Next.js, and Typescript with a proven ability to produce high-quality software aligned with business goals. Adept at working independently, collaborating with cross-functional teams, and leveraging big data for informed decision-making. Experienced in Agile methodologies, system monitoring tools, and maintaining cutting-edge software architecture. Passionate about developing scalable web applications and infrastructure that empower businesses.

Experience

Frontend Developer | Mopheth Systems | Aug 2024 - present (contract)

- I led the development of intuitive features that put users first focusing on mentorship requests, cohort onboarding and personalized dashboards, with a goal to simplify workflows, reduce user effort and boost usability.
- To ensure consistency and efficiency, I created reusable UI components like MemberCards, Forms and Modals. This modular approach saved time and reduced visual clutter while maintaining a clean code environment.
- Partnering with backend developers, we crafted a secure infrastructure optimizing data flow and seamlessly integrating real-time features like Chat and Mentorship Matching.
- Leveraging TypeScript, Tailwind CSS and Ant Design, I prioritized accessibility, performance and responsiveness. This scalable environment enhances maintainability.
- To guarantee stability and performance, I conducted rigorous unit and integration testing using Jest and React Testing Library, resolving potential issues early on.

Tools Used: *React, TypeScript, Vite, Tailwind, Ant Design, Jest, Redux.*

Fullstack Developer | Krownpay | Feb 2024 - present (contract)

- Built core functionalities such as the invoicing system, store management and transaction management, contributing to seamless user experiences.
- Integrated blockchain technology, including Solflare and Phantom wallet, to facilitate secure and efficient payment transactions.
- Worked closely with backend engineers to develop and maintain a microservices architecture, ensuring the platform's scalability and reliability.
- Employed industry best practices to enhance performance, optimize load times, and ensure data security across all user interactions.
- Conducted comprehensive unit testing using Jest to ensure functionality, reliability, and maintainability of the codebase before deploying new features.

Tools Used: *Next.js, React, TypeScript, Vue.js, Microservices, Jest, Zustand, Chakra UI, Tailwind.*

Frontend Developer | NaHere Limited | Jan 2020 - Jul 2024

- Collaborated with a cross-functional team of 10 to develop a scalable web version of the Townhall app for over 30,000 users, ensuring clean, maintainable code and implementing client-side optimizations that reduced page load time by 20%.
- Addressed reliability, scalability, and security concerns in the Townhall project by leading project planning, design phases, and technical requirements analysis, ensuring a robust and secure system architecture.
- Synergized with a team of 3 to improve user satisfaction in the company-owned HRM system by 30% by implementing a Human Centered Design approach, resulting in a more streamlined and user-friendly experience for employees.
- Developed and maintained high-impact functionalities for government-driven data projects (TraderMoni, FarmerMoni, MarketMoni), serving over 5 million users.
- Conducted validation and verification testing, maintaining codebase integrity through comprehensive unit tests.
- Utilized tools like New Relic for system monitoring and performance optimization, ensuring up-to-date software aligned with the latest technology trends.

Tools Used: *React, TypeScript, JavaScript, HTML, CSS, Git, Jest, Figma, PHP, RestAPI, JQuery.*

Web Developer | PoeInternational | Aug 2018 – Feb 2020

- Proposed and launched “LoveSense,” an online relationship counseling platform, achieving 300+ users in the first year.
- Introduced agile methodologies, improving product development efficiency and reducing development cycles by 2 weeks.
- Delivered over 20 responsive websites, utilizing SEO best practices to increase client website traffic by 60%.
- Automated client workflows using tools like Mailchimp, Jira, Zoho, and Slack, boosting operational efficiency by 35%.

Tools Used: *HTML, CSS, Javascript, JQuery, Wordpress, Git, RestApi, etc*

Projects

Mentorfy

Role: Frontend developer.

Skills Used: React, Next.JS, Typescript, Tailwind Css, Ant Design, Chart JS.

A modern mentorship management platform designed for organizations to streamline mentor-mentee programs, track progress, and analyze engagement.

Key features:

- Cohort and participant management.
- Custom survey builder and analytics dashboard.
- Real-time feedback collection and reporting.
- Mentor/mentee matching and status tracking.
- Workspace insights and evaluation tools.
- Responsive, dark mode-enabled UI.
- Secure authentication and role-based access.
- Data export (CSV/XLSX) and advanced filtering.

LAWSCHOOLPADDI

Role: Chief Technical Officer.

Skills Used: React, React Native, Typescript, Node JS, Unit and Integration test (Jest), Redux, RTK, Tailwind, .

An e-learning application for law students to reduce failure rates in Nigerian law schools, leading to over 2500 downloads on iOS and Android platforms. Developed an admin for managing the data on the mobile app and enhancing the learning experience.

Key features:

- Data upload system with Cloudinary integration.
- Test, quiz and practice question simulation system.
- User management system.
- Payment Gateway Integration
- Payment Management System for recurring payments.
- Additional features e.g:- Analytics, Reporting...etc

KROWNPAY

Role: Fullstack developer.

Skills Used: Next.js, React, Typescript, Microservices, Unit test (Jest), Zustand, Chakra UI, Tailwind.

A crypto currency payment platform, enabling businesses to create stores, generate invoices and collect payments securely.

Key features:

- React payment button.
- Blockchain technology.
- Solana currency integration.
- Phantom wallet integration.
- Solflare wallet integration.
- Invoicing system.
- Wordpress plugin development.
- Additional features e.g:- Transactions management, Reporting...etc

Townhall

Role: Frontend developer.

Skills Used: React, Unit test (Jest), Redux, React Bootstrap.

A community mobilization app that enables organizations, the public and causes to create and efficiently manage localized assemblies, interactions, and momentum around common goals.

Key features:

- Chat System.
- Location Based Feeds System.
- User Management Dashboard.
- User Access Control.
- Complex Filtering System.
- Events Management.
- Podcast Management.

Education

ABIA STATE UNIVERSITY
B.sc Computer Science
Sep, 2019

Skills & Abilities

Key Strengths

HTML
CSS
Javascript
React
Typescript
Next.JS
NodeJS
Tailwind
Bootstrap

Others

Git, Redux, Zustand, Jest, Vite, Webpack, RestAPI, Design Patterns, Figma, UX.

Training and Certifications/Awards

- AWS Cloud Practitioner (ALX, Oct 2023)
- Intro. to Backend Dev (Meta, May 2023)
- Backend Development (Codecademy, Jun 2023)
- Learn React (Codecademy, Aug 2022)
- Learn Redux (Codecademy, Feb 2021)

Activities and Interests

Music, art, travel, swimming.