

CHUKWUNENYE MOSES

SOFTWARE ENGINEER

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INTRODUCTION

Software Engineer with 4+ years of experience in building high-performance scalable web applications and optimizing online assets for maximum engagement and conversions.

Skilled in implementing scalable and user-centric design features, I have a proven track record of developing mobile-first applications that consistently attract and engage thousands of users. With a strong emphasis on clean, maintainable code, I adhere to best practices and prioritize performance and responsiveness in every project.

Proficient in **React, Next.js, NodeJs/Express, MongoDB, Javascript, TypeScript, TailwindCSS, Redux, Toolkit, React Native, Bootstrap, and Git**. I also bring expertise in **Agile/Scrum methodologies, REST APIs, SEO, Jest, React Testing Library, and performance optimization**. My experience includes working on **Progressive Web Apps (PWAs), end-to-end testing**, and ensuring cross-platform compatibility.

Recognized by colleagues and employers as reliable, proactive, and highly collaborative, I excel in effective communication, creative problem-solving, time management, and delivering results in dynamic team environments.

WORK EXPERIENCE

Founder | Prepura Study

Abia, Nigeria | September 2025 – date

Prepura Study is an EdTech startup that is redefining study habits for West African students through **Test-Driven Learning** — an approach where students *learn by testing first*, then improve through instant AI-powered insights/feedback and habit accountability.

Software Engineer | Akpoazaa Group (Hybrid)

Awka, Nigeria | February 2025 – June 2025

- Engineer and deploy scalable backend services and RESTful APIs using Node.js and Express, reducing response latency by over 40%.
- Develop responsive and accessible UI components using Tailwind CSS and reusable design patterns, improving user experience across devices.
- Integrate RESTful APIs and managed state effectively with Redux Toolkit and React Query for seamless data flow in complex applications.
- Optimize frontend performance by implementing lazy loading, code splitting, and memoization, reducing Time to Interactive (TTI) by 40%.
- Implement secure user authentication and authorization using JWT, enhancing overall system security and user data protection.
- Integrate third-party APIs (e.g., payment gateways, email services) to extend platform functionality and enhance user experience.

Frontend Developer | Cizoti Nigeria Limited (Remote)

Abuja, Nigeria | October 2024 – December 2024

- Bore sole responsibility for the implementation of a management information system, integrating the backend APIs after converting the Figma designs.
- Provided daily updates via progress reports and documentation of work done.

Software Engineer (Frontend) | Gallery of Code (Remote)

Abuja, Nigeria | July 2023 – October 2024

- Collaborated with stakeholders during development processes to confirm creative proposals and design best practices for building satisfiable end-products.
- Successfully scale single-page applications to handle over 5,000 concurrent users by optimizing client-side performance and server interactions.

Frontend Developer | IT Service Desk Africa (Remote)

Lagos, Nigeria | August 2022 – July 2023

- Reduced page load times by 30% by optimizing CSS and JavaScript code, resulting in improved user engagement and lower bounce rates.
- Increased organic search traffic by 20% by implementing SEO best practices, such as improving HTML semantics and optimizing meta tags and content structure.

Frontend Development Trainer | Treasure Printing Press Nig. Ltd (Onsite)

Abia, Nigeria | May 2022 – August 2022

- Trained a dozen teenagers on how to build a mobile-friendly website from scratch using HTML, CSS, JavaScript, and finally ReactJs.
- Developed and executed comprehensive teaching plans for classroom and online courses, effectively reaching 300+ students and boosting overall course completion rates by 30%

Software Developer | Learnfactory NG (Hybrid)

Abia, Nigeria | November 2020 – May 2022

- Reduced the overall size of the frontend codebase by 20% by refactoring legacy code and implementing a component-based architecture using React.
- Increased positive user feedback by 25% by actively collecting user feedback and iterating on the design and functionality of the application based on user needs.

Web Developer | Oxfords International School (Onsite)

Abia, Nigeria | April 2020 – November 2020

- Built and maintained the school website using technologies like HTML5, CSS3, JavaScript, PHP, and MySQL
- Uploaded lesson materials of different formats to the database on a weekly basis to enable students come up to par with their school curriculum/syllabus despite the enforced sit-at-home in the country
- Periodically integrated timed test and exam questions to the website, ensuring that the school is able to track the academic progress of her students.

PROJECTS

Over the last few years of skilling and up skilling, these projects have been built - for client (freelance) and personal purposes. Here are some of those projects, including a short description and an indication of the skills used;

- **Prepora Study**: Prepora is Nigeria's first Test-Driven Learning app built for West African secondary school students and undergraduates. Learn smarter by testing first, utilizing AI-powered feedback on every wrong answer, and mastering every subject before exam day through consistent practice. **Skills:** *MongoDB, ExpressJs, ReactJs, NodeJs, Typescript, TailwindCSS*. **Link:** <https://preporastudy.com>
- **TVET Tracer Study - Client App**: This particular tracer study application aims to find out the outcomes of the educational system of students in Nigeria, assist the students or respondents by keeping them in contact with a mentor to help increase the skills of those who need help and help connect these respondents with employers who require the skills they have. **Skills:** *React, Vite, Typescript, TailwindCSS*. **Link:** <https://app.tracer.ng>

- **TVET Tracer Study - Admin App:** This is a web app that serves as a tracer study software, keeping track of the employment status of TVET graduates, and serving as a follow-up on their job satisfaction after graduation. It uses surveys to get this information via the client app of the software. This information is now analyzed and used to generate charts that will visually aid TVET officials in decision-making. **Skills:** *React, Vite, Typescript, TailwindCSS*. **Link:** <https://cms.tracer.ng>
- **Administration of Criminal Justice Monitoring Committee Software:** ACJMC is an application, built for a jurisdictional arm of a state-level government in Nigeria, that is aimed at creating a controlled environment where all processes that follow through from the arrest of a subject/suspect/detainee to the court appearances, verdicts, and down to the transfer to a custodial centre are documented and accessible by all relevant parties within the application. **Skills:** *React, Vite, Typescript, TailwindCSS*. **Link:** <https://crimiq.com>
- **NF Pitch Portal:** A portal application built for NNPC that serves as a platform for NYSC corps members who are business owners to pitch for loans by uploading their pitch videos and other necessary documents and details. These pitches are assessed and then loans are awarded if their pitch meets certain criteria/requirements. **Skills:** *React, Vite, Typescript, TailwindCSS*. **Link:** <https://nfpitchportal.nnpcgroup.com>
- **AKPOAZAA FOUNDATION:** A web platform built to support a non-governmental organization focused on education, skill development, and community empowerment through scholarships, workshops, and infrastructure projects. The platform facilitates program visibility and streamlines engagement with beneficiaries. **Skills:** *React, Vite, TypeScript, TailwindCSS*. **Link:** <https://akpozaafoundation.org>
- **Best Brain Contest:** A digital platform for an educational NGO that organizes quiz competitions, spelling bees, and scholarship programs to promote academic excellence among students. The application enables student registration, contest tracking, and results management. **Skills:** *React, Vite, TypeScript, TailwindCSS*. **Link:** <https://bestbraincontest.org>

EDUCATION

B.Eng in **Computer Engineering** | Michael Okpara University
Abia, Nigeria | October 2015 – September 2021

CERTIFICATIONS

Software Engineer Certificate

HackerRank | August 2025

[Verify](#)