

DANIEL OKPARA

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PROFESSIONAL SUMMARY

Frontend Engineer with 3+ years of experience building performant, scalable web applications using React, Next.js, and TypeScript. I'm passionate about creating user-centric interfaces and love collaborating across teams to build intuitive tools that solve real business problems and also have fun while doing it.

EDUCATION

University of Lagos

Lagos, Nigeria

Bachelor of Science (B.Sc.), Computer Engineering

SKILLS & INTERESTS

Skills: JavaScript, TypeScript, Docker, Kubernetes, Google Cloud Platform, REST APIs, OpenAI GPT API, Gemini API, Git, CI/CD, HTML/CSS, React.js, NextJS, Jira, Slack, Google Workspace.

WORK EXPERIENCE

THE PROGRAMMER'S UNIVERSITY

Georgia, USA

Frontend Developer

Aug 2024 - Jan 2025

- Developed a **Learning Management System (LMS)** using React.js, enabling seamless educator-student interaction with role-based access control and secure scheduling features.
- Developed authentication flows with OAuth 2.0 integrating LinkedIn, Facebook, Instagram, and YouTube APIs, aligning with industry-standard security protocols.
- Integrated Firebase services (Firestore, Cloud Functions) to establish real-time communication between the frontend and backend, ensuring efficient data management.
- Improved performance by 30% through lazy loading, caching, and code splitting, enhancing user retention and engagement.
- Worked remotely using **ClickUp, and Slack**, maintaining clear async communication across teams in different time zones.

NATGAB CONSULTANCY LIMITED

London, UK

Frontend Developer

Mar 2023 - Oct 2023

- Translated Figma designs into responsive, production-ready interfaces, ensuring accessibility and visual consistency across web platforms.
- Developed secure user authentication flows with token handling and password recovery, reducing user login issues by 35%.
- Reduced page load time by 3 seconds by leveraging server-side rendering (SSR) in Next.js, enhancing performance for users in low-bandwidth regions.
- Worked remotely using **Jira, Slack, and Notion**, maintaining clear async communication across teams in different time zones.

RAOATECH IT-ELECTROMECH LIMITED

Lagos, Nigeria

Frontend Developer

Feb 2023 - Aug 2023

- Implemented responsive UI components using React.js, improving user experience and engagement.
- Enhanced platform functionality by developing user authentication flows, password management, and resource management systems.
- Spearheaded the development of a versatile voting feature, allowing users to participate in multiple-category voting sessions, which increased platform engagement.

JAVAPLUS INNOVATION LTD

Lagos, Nigeria

Frontend Developer Intern

May 2022 - Oct 2022

- Collaborated with senior developers to develop user interface, which improved user satisfaction.
- Participated in the development of a responsive web application.

PROJECT EXPERIENCE

PQLibrary

[Link](#)

Software Engineer

Mar 2024 - Present

- A platform that allows University of Lagos, Nigeria students to access examination past questions and solutions, ranging from 2021 to date.
- Optimized performance of the platform for over 4000 engineering students by streamlining React components and improving responsiveness.

SKIMLESS

[Link](#)

Founding Software Engineer

Sep 2023 - Present

- Developed a SaaS **AI-powered learning tool** integrating **OpenAI GPT API** that enables real-time chat interaction with PDF learning materials, reducing user search/query time by 60% and supporting over 50+ active users within the first six months.
- Used Next.js, TRPC, Tailwind CSS, and Supabase PostgreSQL to build and maintain a type-safe and scalable architecture.
- Wrote unit and integration tests to ensure reliability and reduce production bugs.

Home of Korean Beauty

[Link](#)

Software Engineer

Mar 2025 - Apr 2025

- Developed and Deployed a responsive e-commerce store for a local business to enable them to sell their Korean skincare products online to reach international customers.
- Used NextJS, React Query, and Server Actions for the frontend, Shopify's GraphQL storefront API to handle the backend and CMS implementation.

AFFILIATIONS

- Appwrite Community (member)
- Graduate Member, Nigeria Society of Engineers (GMNSE)
- Member, Google Developer Student Club (GDSC)