

# George Ochuko Samuel

Software Engineer

Abuja, Nigeria

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## Professional Summary

Results-driven Software Engineer with 3+ years of hands-on experience building scalable web and mobile applications, real-time systems, and user-focused platforms. Skilled in full-stack development using React, React Native, Next.js, TypeScript, Node.js, and ConvexDB. Proven ability to deliver production-ready features, mentor learners, and collaborate remotely to solve real-world problems in education, business, and community platforms. Passionate about clean code, modern tooling, and continuous learning in frontend, mobile, and backend technologies.

## Core Expertise

- Frontend & Mobile Development: React.js, React Native, Next.js, TypeScript, Vite
- Backend & Real-time: Node.js, Convex (Reactive Database), REST/GraphQL APIs
- State & Data Management: Redux, Convex real-time sync
- Tools & Platforms: Firebase, CMS integration, cross-platform mobile apps
- Teaching & Leadership: Frontend engineering instruction, course design, student mentoring
- Other: HTML/CSS/JavaScript, WordPress, Python basics (from IBM certs), cloud intro

## Professional Experience

### Software Engineer (Full-time)

Kadmap Systems Limited — Abuja, Nigeria

2024 – 2025

- Developed KadMap Connect - Distributor and KadMap Connect - Customer mobile applications using React Native and TypeScript, streamlining distribution workflows and customer interactions in an offline-capable enterprise environment.
- Built and maintained full-stack web applications including Conversations App, File Manager, Review App, and Project Management App with React.js, ConvexDB for real-time data, Node.js backend, and Redux state management.
- Collaborated with cross-functional teams to ensure responsive, performant UIs and reliable real-time synchronization across web and mobile clients.

### Full Stack Developer (Freelance/Contract)

Gridintel — Remote

2025

- Architected and deployed scalable web applications using React (Vite), Next.js, and TypeScript, delivering responsive, high-performance user interfaces.
- Designed and integrated a custom CMS for seamless content management and dynamic updates.
- Built backend infrastructure with Convex DB to enable real-time data handling, subscriptions, and efficient querying.
- Worked remotely with stakeholders to ship user-friendly, production-ready features. <https://gridintelrg.com>

### **Frontend Developer**

La Chariz Group — Abuja, Nigeria

2024 – 2025

- Developed and managed multiple production websites (lacharizinnovations.com, lacharizinteriors.com, bravort.com) using Next.js, React.js, and Firebase for hosting, authentication, and storage.
- Implemented responsive designs, optimized performance, and ensured cross-browser compatibility to enhance user experience and site reliability.

### **Instructor – Frontend Engineering & Web Development**

Bravort Institute of Technology and Interior Design — Abuja, Nigeria

2025

- Designed and delivered curriculum covering HTML, CSS, JavaScript, React.js, modern web technologies, and industry best practices.
- Mentored students through hands-on projects, code reviews, and problem-solving sessions to build practical, portfolio-ready skills.
- Fostered collaborative learning environments that emphasized clean code, debugging, and real-world application development.

### **Web Developer & Assistant Instructor**

Dominion Youth Empowerment Network (DYEN) — Warri, Delta State

2021 – 2024

- Engineered a high-traffic website that attracted over 11,500 applicants using modern web technologies.
- Tutored and mentored 200+ students in web development, design principles, and practical coding workflows.

### **Certificates** (Selected – Focused on Core Skills)

- IBM: Developing Front-End Apps with React (2024)
- IBM: Python for Data Science, AI & Development (2024)
- IBM: Django Application Development with SQL and Databases (2024)
- IBM: Developing AI Applications with Python and Flask (2024)
- IBM: Introduction to Cloud Computing (2024)

- LinkedIn: Advanced Node.js Skills (Backend Web Development) (2023)
- LinkedIn: MongoDB Express React Node.js (MERN) Essential Training (2023)

## **Technical Stack**

- Languages: JavaScript, TypeScript, Python (basics), HTML/CSS
- Frontend/Mobile: React.js, React Native, Next.js, Vite, Redux
- Backend & Database: Node.js, ConvexDB (real-time), Firebase
- Other: WordPress, Flutter (mobile basics), Microsoft Office

## **Education**

Higher National Diploma (HND) in Computer Science

Citi Polytechnic, Abuja — 2025

Ordinary National Diploma (OND) in Computer Science

Citi Polytechnic, Abuja — 2023

## **Interests**

Coding personal projects, reading tech blogs, playing guitar, watching football, mentoring aspiring developers, and exploring AI/mobile development trends.

## **Referees**

Available upon request