

Ukasoanya Charles

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GitHub: <https://github.com/sleekcharly> | Portfolio: <https://www.devcharles.vercel.app/>

Summary

Software Developer with 10+ years of combined experience in telecommunications and software development. Skilled in building full-stack applications using React, Next.js, Python, Firebase, and PostgreSQL. Known for translating technical field expertise into scalable software solutions that improve infrastructure and digital operations.

Core Technologies

Languages/Frameworks: JavaScript, TypeScript, React, Next.js, Node.js, Python

Styling/UI: Tailwind CSS, Material-UI, Framer Motion

Databases: Firebase, PostgreSQL, MongoDB

Tools/Platforms: Git, Firebase, AWS, Docker, Sanity

Other: REST APIs, User Interface / User Experience (UI/UX), Project Leadership, Technical Support

Professional Experience

Senior Operations Manager | Fullstack Developer

Ping Telecommunications Resources Ltd — Jan 2018 – Present

- Developed a full-stack application in Python to scrape weather data from station sensors, upload it to Firebase, and display real-time results on a frontend dashboard.
- Rebuilt company website using Next.js, Tailwind, AWS, and Sanity, improving load time by 30% and UX by 25%.
- Managed deployment of Automatic Weather Observation Systems (AWOS) on Chevron platforms, improving flight ops by 20%.
- Led technical training programs, increasing team efficiency by 15%.

- Maintained telecom systems including bird control, VHF radios, and weather monitoring tools.

Freelance Software Developer

Remote — 2019 – Present

- Built custom React/Firebase applications for clients, including medical dashboards, inventory apps, and blogs.
- Integrated third-party APIs and delivered responsive UI/UX using Tailwind CSS and Framer Motion.
- Maintained full communication lifecycle with clients from planning to deployment.

Field Support Engineer | Frontend Developer

Ping Telecommunications Resources Ltd — Jun 2014 – Jan 2018

- Developed PHP-based company website with HTML/CSS enhancements.
- Oversaw AWOS maintenance and airstrip communications systems for Chevron.
- Maintained voice recorders, bird control systems, and VHF radios.

Crew Trainer

McDonald's UK — Nov 2016 – Sep 2018

- Trained staff and improved customer service standards.
- Awarded Employee of the Year (2018).

National Youth Service (NYSC)

Ministry of Science and Tech, Minna — Jun 2011 – Jun 2012

- Contributed to E-office system manual and youth IT training.

Education

Anglia Ruskin University — *MSc, Information and Communication Technology*
(2016 – 2018)

FUTO, Nigeria — *B.Eng, Petroleum Engineering* (2008 – 2012)

Certifications

- **JavaScript Algorithms** – freeCodeCamp
- **Python Programming** – Programming Hub
- **Learning Docker** – LinkedIn
- **Certificate of Competence** – Bird Control Group
- **Logistics & Supply Chain Mgmt** – Multimix Academy
- **HSE Level 3** – Nigerian Institute of Safety Professionals

Key Skills

Frontend Engineering · Python · Firebase · PostgreSQL · REST APIs · Git · UI/UX Design · AWS · Technical Support · Docker · Agile