

WOGU CHIMAOBI JOHNSON

Full-Stack Engineer, 6+ yrs shipping production software | Payments, SaaS, and AI agent integrations (MCP)

+234 707 770 8306 | chimaobi.dev@gmail.com | Lagos, Nigeria (open to remote) | <https://chimaobi.dev>

PROFILE

Full-stack engineer, 6+ years shipping production systems across fintech, EdTech, and SaaS. I build complete products end to end, and increasingly the AI systems and agent integrations running inside them. Shipping production code since 2020, well before AI tooling entered the workflow. I own what I build past the code: the scope, the payment flows, the cloud bill, and what happens when something fails.

AT A GLANCE

- **Syncshare:** Built a production SaaS solo, frontend to subscription billing, plus a working MCP server that lets users schedule posts from a Claude chat.
- **Pedagic:** Owned the architecture of a school management platform, including the service boundaries between a NestJS core and three AI microservices. Worked with an ML engineer, a backend developer, and a product engineer.
- **Stitches Africa:** Rebuilt payment infrastructure with idempotent vendor payouts, reduced cloud costs, and coordinated a 5-person cross-functional team.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python

Frameworks: React.js, Next.js, NestJS, Express.js, Node.js, React Native

AI & Automation: MCP server development, Claude API, OpenAI API, AI-assisted development (decomposing work for agents, context engineering, reviewing generated code), n8n

Backend & Systems: REST APIs, microservice integration, centralised JWT auth, background jobs and scheduled tasks, webhook verification, idempotent payment processing, OAuth 2.0, WebSockets

Databases: PostgreSQL, MongoDB, MySQL, Redis (caching), Firebase

DevOps & Cloud: Docker, AWS, Google Cloud Platform, Vercel, Firebase Functions, Railway, Heroku, CI/CD pipelines

Payments: Pystack, Flutterwave, Monnify, getAnchor virtual wallets, Transfer API payouts

Frontend & UI: TanStack Query, TailwindCSS, Material-UI, Styled Components

Other: Headless CMS, Git, Linux

EXPERIENCE

Software Developer | Stitches Africa*Apr 2026 to Present*

Lagos, Nigeria (Hybrid) | Contract | E-commerce fashion platform

- Rebuilt the payment infrastructure end to end: customer checkout on Pystack and Flutterwave, and an automated vendor payout system.
- Made payouts safe to retry: unique transfer references block double payouts, failed transfers retry automatically, and webhook signatures are verified before any payment state changes.
- Refactored cloud services on Vercel and Firebase Functions, reducing cloud costs.
- Set up the cloud services and deployment environment for the version 2 platform.
- Coordinated a 5-person cross-functional team (design, product, full-stack, backend, QA) building a new platform from zero.
- Reworked the delivery fulfilment flow and integrated lower-cost delivery options.
- Kept the existing platform stable during the rebuild, working with relationship managers so vendors and customers saw no disruption.

Software Developer | Algorhythme (African Institute for Artificial Intelligence)*Dec 2025 to Jul 2026*

Mildenhall, England, United Kingdom (Remote) | EdTech | Pedagic, school management platform

- Owned the end-to-end technical architecture for Pedagic, used by teachers, administrators, parents, and students: Next.js frontend, NestJS backend, PostgreSQL.
- Designed the service boundaries: NestJS as the central data broker and sole JWT authority, integrating three Python FastAPI microservices (Teacher Copilot, Student Copilot, Timetable API) over one PostgreSQL instance with four schemas.
- Shipped AI-generated assignments and practice questions with a teacher review step, so nothing reaches a student without a human check.

- Worked with an ML engineer building the AI services, a backend developer on platform services, and a product engineer.
- Turned product and school-operations requirements into technical scope alongside the product team.

Software Developer | OnStriit May 2024 to Aug 2025

Ottawa, Ontario, Canada (Remote) | SaaS | Resume and career platform

- Led continuous improvement of Gamma Resume, a production web app with daily active users.
- Built dashboard interfaces, web components, and Firebase backend APIs, plus a Chrome extension tied into the core app.
- Owned support escalations, bug fixes, and performance work across the stack.

Full-Stack Developer | BloomX Sep 2023 to Jul 2024

Lagos, Nigeria (Remote) | Fintech | E-checkout platform

- Built an e-checkout platform on Next.js, TypeScript, Express.js, and MongoDB, integrating Monnify card payments, getAnchor virtual wallets, and Google OAuth 2.0.
- Mentored a junior developer through code reviews and implementation support.

Freelance Developer | D'Light Stores Nov 2022 to Apr 2023

Port Harcourt, Rivers State, Nigeria (Remote) | E-commerce

- Built a full e-commerce platform and admin dashboard on Next.js, MongoDB, and Cloudinary, with Paystack payments and SendGrid transactional email.

Software Developer | Loctech Nigeria Limited Sep 2020 to Jan 2021

Port Harcourt, Rivers State, Nigeria (On-site) | Enterprise | Haulage ERP

- Built client, marine, and finance modules for a haulage ERP on React.js, Express.js, MongoDB, and AWS, adding Redis caching for performance and writing complex MongoDB aggregations.
- Rebuilt the Loctech web application from scratch in React.js.

Open Source Contributor | FightPandemics May 2020 to Sep 2020

Zug, Switzerland (Remote) | Open source project | Volunteer-built global crisis platform

- Contributed to FightPandemics, an open source platform built by a global volunteer community to connect people offering and needing help during COVID-19.
- Oversaw the organisation profile feature (React, Fastify, MongoDB, Redis, Socket.io, Docker, AWS) and worked with a distributed group of contributors to ship it.

Web Developer (Intern) | Santos Creation Education Foundation Jul 2018 to Dec 2018

Ilorin, Nigeria (On-site) | Education nonprofit

- Contributed to the front end of the New Nigerian Education Awards website and studied the development process for a web-based voting application.

FLAGSHIP BUILD: SYNC SHARE

syncshare.app | Cross-platform post scheduler: write once, publish to LinkedIn, Threads, TikTok, and more. Built solo, end to end.

- Built Syncshare MCP, a working MCP server that lets users schedule posts directly from a Claude chat through the Syncshare API.
- Built the Next.js frontend and admin dashboard, and backend APIs on Firebase Functions, Express.js, and Node.js.
- Integrated the LinkedIn, Threads, and TikTok publishing APIs under each platform's own rules.
- Built a background scheduling engine that publishes posts at their set time and notifies users when a publish fails.
- Shipped Paystack subscription billing in USD and NGN, AI-powered content suggestions, and a media library.

EDUCATION

MSc, International Business and Management, Birmingham City University, Jan 2021 to Apr 2022

BSc, Entrepreneurial Studies, Michael Okpara University, Sep 2012 to Dec 2016

CERTIFICATIONS

IBM DevOps and Software Engineering Professional Certificate

JSE-40-01, JSE Certified JavaScript Programmer