

# Favour Tochukwu Ajokubi

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## PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 5+ years of professional development experience and strong foundation in programming since 2010. Proven track record leading large-scale digital transformation projects (35+ government ministry websites), architecting production blockchain applications, and building enterprise systems serving thousands of daily users. Expert in modern web technologies, cloud architecture, smart contract development, and mobile applications with strong focus on scalable, high-performance solutions.

## EDUCATION

**Imo State University** Owerri, Nigeria  
*Bachelor of Science in Computer Science*

- Graduated with academic excellence award and active participation in hackathons and developer communities

## EXPERIENCE

**Senior Software Developer** Jan 2025 – Present

*Imo Digital City Limited (IDCL) – Ministry of Digital Economy Partnership* Owerri, Nigeria

- Leading development of 35+ government ministry websites, digitizing operations across Imo State
- Architected student management systems for WAEC registration and onboarding in state secondary schools, reducing processing time by 70%
- Built contractor registration and government procurement platforms streamlining contract award processes
- Established CI/CD pipelines and deployment standards ensuring consistent delivery across all platforms
- Collaborated directly with ministry stakeholders to translate government policies into functional digital systems
- **Tech Stack:** Next.js, React, TypeScript, Node.js, PostgreSQL, Vercel, Git, GitHub, Docker, CI/CD, AWS(ECS, ECR, ALB, S3)

**Web Developer (Contract)** Oct 2024 – Present

*American International School of Medicine (AISM)* Alpharetta, GA (Remote)

- Redesigned institutional web platform improving page load performance by 60% and mobile responsiveness
- Integrated AI-powered chatbot reducing support inquiry response time by 40%
- Implemented dynamic content management with smooth animations for enhanced user experience
- **Tech Stack:** Next.js, TypeScript, Tailwind CSS, Framer Motion, Chatbot.com API, Vercel

**Backend Developer** 2023

*Cold Hubs Limited* Nigeria

- Architected Laravel REST API handling 10,000+ daily transactions for cold storage logistics and inventory management
- Designed MySQL database schemas optimizing warehouse operations and multi-location inventory tracking
- Implemented role-based access control (RBAC) and JWT authentication securing field and admin systems
- Built data pipelines and email notification system reducing manual data entry by 85%
- **Tech Stack:** Laravel, PHP, MySQL, JWT, Mailgun API, DigitalOcean, Git, REST APIs

**Software Developer** 2022

*Supervision Company* Remote

- Developed automation solutions using AppSheet and Google Apps Script, streamlining internal workflows
- Built data-driven applications improving reporting accuracy by 50% and enabling non-technical teams to interact with complex datasets
- **Tech Stack:** AppSheet, Google Apps Script, JavaScript, Google Workspace APIs, Google Sheets

**Frontend Development Tutor** Jan 2022 – Jan 2023

*Digital Skills Empowerment Program (DSEP)* Nigeria

- Instructed 50+ beginner developers in HTML, CSS, JavaScript, and modern frontend frameworks
- Guided students through hands-on projects, building confidence in coding and transitioning to React ecosystem
- **Tech Stack:** HTML, CSS, JavaScript, React, Git, GitHub

## Blockchain Developer 2020

*OffrCloud*

*Remote*

- Developed and deployed Solidity smart contracts for ERC-20 token management, transactions, and platform rewards
- Built React DApp interface integrating MetaMask wallet authentication and blockchain interactions
- Implemented hybrid architecture connecting smart contracts with REST APIs for fiat-crypto bridge functionality
- **Tech Stack:** Solidity, Ethers.js, Web3.js, React, HardHat, Remix, Firebase, MetaMask, Vercel

## KEY PROJECTS

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**@useverse/core (NPM Package)** | Open Source [npmjs.com/package/@useverse/core](https://npmjs.com/package/@useverse/core)

- Published production-ready React hooks library for sound effects, keyboard shortcuts, and file downloads
- Fully typed with TypeScript, tree-shakeable architecture, actively maintained with real-world usage
- **Tech Stack:** React, TypeScript, npm, Rollup, Jest

**Cold Connect Mobile App** | Logistics Platform [github.com/fabiconcept](https://github.com/fabiconcept)

- Built cross-platform mobile app for cold storage booking and refrigerated truck logistics across Nigeria
- Integrated secure payment processing, real-time GPS tracking, and push notifications
- **Tech Stack:** React Native, Expo, TypeScript, Laravel, MySQL, Stripe, NativeWind, Redux, PHP

**Chirps** | Social Platform [chirps-chat.vercel.app](https://chirps-chat.vercel.app)

- Built comprehensive social platform with feed posts, real-time chat, marketplace, digital wallet, and leaderboards
- Implemented WebSocket real-time messaging, state management, and 3D globe visualization
- **Tech Stack:** Next.js 16, React 19, TypeScript, Redux Toolkit, Socket.IO, Tailwind CSS 4, Radix UI, Globe.gl

**Secret Room** | Real-time Chat Application [secret-room-orpin.vercel.app](https://secret-room-orpin.vercel.app)

- Developed anonymous chat application with temporary self-destructing servers and end-to-end encryption
- Architected WebSocket infrastructure handling concurrent real-time connections
- **Tech Stack:** Next.js, Socket.IO, Node.js, Express, MongoDB, TypeScript, Tailwind CSS

**CashGo Loan App Backend** | FinTech Platform [Google Play Store](#)

- Architected user management and administration backend for Nigerian loan application serving thousands of users
- Successfully migrated from MongoDB to Firebase for improved scalability and real-time data synchronization
- **Tech Stack:** Next.js, TypeScript, MongoDB, Firebase, React, REST APIs

**ClimeCache Weather Dashboard** | Smart Caching System [weather-app-esa.vercel.app](https://weather-app-esa.vercel.app)

- Built intelligent weather app with 1-hour caching system reducing API calls by 90% while maintaining data freshness
- Implemented city notes, favorites management, and comprehensive keyboard shortcuts for power users
- **Tech Stack:** Next.js, TypeScript, OpenWeatherMap API, Tailwind CSS, Local Storage

**MonoClient NPM Package** | API Integration Library [npmjs.com/package/mono-client](https://npmjs.com/package/mono-client)

- Built TypeScript SDK for Mono API providing streamlined customer data management and bank operations
- **Tech Stack:** TypeScript, npm, Rollup, REST APIs

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, Rust (exploring), PHP, Solidity, SQL, HTML, CSS

**Frontend:** React, Next.js, React Native, Expo, Redux, Zustand, Tailwind CSS, NativeWind, Framer Motion

**Backend:** Node.js, Express, Laravel, NestJS, Socket.IO, REST APIs, WebSockets

**Blockchain:** Solidity, Smart Contracts, Web3.js, Ethers.js, HardHat, Remix, DApp Development, ERC-20, NFTs

**Databases:** PostgreSQL, MySQL, MongoDB, Firebase, Neon DB

**DevOps & Cloud:** Docker, Git, GitHub, AWS(ECS, ECR, ALB, S3), DigitalOcean, Railway, Vercel, Hostinger, CI/CD Pipelines

**Other:** JWT Authentication, Clerk Auth, Stripe Integration, Mailgun, UI/UX Design (Figma), Testing (Jest)

## INTERESTS & HOBBIES

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**Technical:** CSS Art, CSS Battles, LeetCode challenges, Personal projects, Open source contributions

**Leisure:** Reading, Gaming