IWUJI CHIGOZIE, SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Results driven fullstack software engineer with over five years of experience building, scaling, and maintaining production ready web and backend systems. Strong background in fintech platforms, payment systems, and API driven products used by thousands of users. Experienced in React, Next.js, Java, Spring Boot, Node.js, ExpressJS, and cloud technologies. Passionate about building reliable systems, writing clean code, and delivering software that solves real business problems.

TECHNICAL SKILLS

Frontend: React, JavaScript, TypeScript, Next.js, Tailwind CSS, Bootstrap
Backend: Java, Spring Boot, Node.js, ExpressJS, NestJS
Databases: MySQL, PostgreSQL, MongoDB
Cloud and DevOps: AWS, Firebase, Supabase, Docker
Tools: GitHub, Postman

EXPERIENCE

Software Developer and Support Engineer   **June 2023 to Present**
BlackSilicon, Lagos Nigeria

- Architected and implemented a microservices-based backend comprising three independent services, connected through a centralized API Gateway to enable secure routing, service isolation, and cross-service communication.
- Designed and built scalable backend APIs powering digital purchases, utility payments, and wallet transactions for a fintech platform serving over 5,000 active users.
- Implemented an API Gateway layer with request validation, routing, and service abstraction, enabling consistent external APIs while allowing internal services to evolve independently.
- Integrated third-party payment and utility providers including Flutterwave, Monnify, and EKEDC, ensuring high system reliability, transactional integrity, and near-zero downtime.
- Developed a full-stack education and business platform (public website and admin dashboard) supporting payments, course enrollment, user management, and role-based access control.
- Containerized microservices using Docker and orchestrated multi-environment deployments, significantly reducing deployment time and operational overhead.
- Refactored frontend components and backend service boundaries to improve reusability, maintainability, and developer productivity across teams.
- Collaborated closely with product managers and frontend engineers to design stable, well-documented APIs consumed by multiple client applications.

Java Backend Engineer   **July 2021 to April 2023**
JavaPlus Innovations, Lagos Nigeria

- Built and deployed Spring Boot microservices handling thousands of API requests daily across multiple products.
- Designed secure REST APIs for user onboarding, wallet systems, and payment processing with strong focus on data security and compliance.
- Integrated third party payment services including Paystack and Flutterwave, reducing failed transactions and improving payment success rates.
- Optimized backend performance and improved system stability through better service design and monitoring.

Software Engineer Intern   **Aug 2020 to June 2021**
Erina Technologies, Lagos Nigeria

- Supported development of web applications using React and Java Spring Boot.
- Assisted in building and testing REST APIs for core application features.
- Collaborated with designers and senior developers to deliver responsive and user friendly interfaces.
- Fixed bugs and improved existing features while learning best practices in version control and team collaboration.

PROJECTS

GrowTechAfrica Course Enrollment System - Link

- A full-stack learning and enrollment platform that allows users to browse technology courses, register for programs, receive admin approval, complete payments via email links, and gain secure access to enrolled courses.
- **Tools:** React, TypeScript, Tailwind CSS, Spring Boot, PostgreSQL, Docker

Poplar Digital Utilities & Wallet Backend Platform - Link

- Poplar is a production-grade backend platform that powers digital utility purchases and wallet-based transactions. It exposes RESTful APIs for airtime top-ups, electricity token vending, and other digital products, while handling wallet management, transaction processing, and vendor integrations within a secure and scalable architecture.
- **Tools:** Spring Boot, PostgreSQL, Docker, Flyway

Fintech Payment Gateway UI (Multi-Channel) - Link

- A mobile-first payment gateway UI that mimics real checkout flows with Card, Bank Transfer, USSD, and PushPay routes.
- **Tools:** React, Inline CSS

TouchBylfinee Salon Booking & Client Engagement Platform - Link

- A sleek and responsive landing page for a beauty salon designed to highlight services, showcase client reviews, display pricing, and allow customers to book appointments or send inquiries through an interactive contact form.
- **Tools:** React, TypeScript, Tailwindcss

iPay Core Wallet & Banking Backend System - Link

- iPay is a comprehensive banking backend system designed to support digital wallets and secure financial transactions. It provides APIs for user onboarding, KYC verification, wallet creation, balance management, and peer-to-system money transfers, with integrated payment processing for secure and compliant financial operations.
- **Tools:** Spring Boot, PostgreSQL, Docker, Monnify API

EDUCATION

Diploma in Information Technology   Jan 2019 to July 2020
Melodia Coding Academy, Lagos

Bachelor of Science in Applied Biochemistry   Oct 2011 to July 2015
Nnamdi Azikiwe University, Awka