

Don-Pedro Senibo

Software Engineer

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

Professional Summary

Fullstack Software Engineer with **3+ years of experience** building scalable financial technology and regulatory compliance solutions. Proven track record at **Ecobank Nigeria** delivering mission-critical applications using **Java (Spring Boot)** and **React**. Passionate about automating complex banking operations through event-driven microservices and modern cloud architectures.

Technical Skills

- **Programming Languages:** Java, Typescript, Javascript, SQL, C#, PHP.
- **Backend:** Spring Boot 3, Spring Security (OAuth2/JWT), Microservices, Apache Kafka, Hibernate/JPA.
- **Frontend:** React.js, Next.js 15, Tailwind CSS, Redux Toolkit, Zustand.
- **DevOps & Tools:** Docker, Docker Compose, Git, Nginx, Postman, Swagger (OpenAPI).
- **Databases:** PostgreSQL, MySQL, MS SQL Server, MongoDB.

Professional Experience

Ecobank Nigeria | Software Engineer (Technology Innovations)

April 2024 - Present

- **ATM Inventory System:** Developed a CBN-compliant reporting tool that tracks real-time ATM transaction data and inventory, replacing manual Excel logs with a centralized dashboard to ensure regulatory compliance with NIBSS standards.
- **NIBSS Financial Authentication Service (FAS):** Integrated the FAS API with core banking services, enabling branch staff to perform real-time BVN/NIN validation and identity matching. This streamlined KYC processes and enhanced fraud prevention across all branches.
- **Card Distribution Tracking System:** Developed an automated notification platform connecting Card Operations and 500+ branches. Implemented automated SMS/email alerts for customers, significantly improving card collection rates and providing real-time visibility into delivery logistics.
- **Compliance Reporting Automation System (CRAS):** Engineered a full-stack solution (Spring Boot & React) to automate regulatory reporting. Implemented a Maker-Checker workflow and digital audit trails, reducing manual reporting errors and ensuring 100% compliance with CBN deadlines.
- **Collateral Management System:** Built the frontend architecture for a digital asset tracking system, enabling Legal and RIX officers to filter, track, and manage secured assets efficiently.

Rural Electrification Agency | Frontend Developer (Intern)

Jan 2023 - Jan 2024

- Collaborated with a cross-functional team to re-architect the agency's web presence, migrating to a mobile-first responsive design using modern JavaScript frameworks.
- Developed interactive prototypes and UI components that accelerated stakeholder approval time by 3 weeks.
- Optimized frontend performance, improving page load speeds and accessibility scores for rural electrification data dashboards.

Education & Certifications

- **B.Eng. Computer Engineering** | Bells University of Technology
- **ITIL v4 Foundation Certification** ([Certificate](#))
- **Foundational C# with Microsoft Certification** ([Certificate](#))