Don-Pedro Senibo
Software Engineer

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Github | LinkedIn | Portfolio

Professional Summary

Fullstack Software Engineer with experience building scalable financial technology solutions across frontend and backend systems. Specialized in developing regulatory-compliant banking applications, integrating NIBSS services, and creating internal tools that streamline operations. Proven ability to deliver customer-facing interfaces and complex backend integrations using React, Next.Js, Java, Spring Boot, and modern databases. Passionate about solving real-world business challenges through clean, maintainable code.

Technical Skills

- **Programming Languages:** Javascript, Typescript, Java, C#, PHP.
- **Frameworks & Libraries:** React.js, Next.js, Spring Boot, Express.js.
- **Databases:** MySQL, PostgreSQL, MS SQL Server, MongoDB.
- **Tools & Technologies:** Git, Docker, Nginx, RESTful APIs, Microservices.
- **API Documentation:** Postman, Swagger (OpenAPI).
- **Soft Skills:** Team collaboration, Problem-solving, Clear communication, Time management, Adaptability.

Professional Experience

Software Engineer – Technology Innovations | Ecobank Nigeria   April 2024 - Present

- Developed a CBN-compliant ATM inventory system enabling real-time transaction tracking and regulatory reporting to NIBSS/CBN, reducing manual reporting efforts and ensuring compliance.
- Built the NIBSS NRBVN integration enabling instant multi-currency account opening for diaspora customers, and developed cross-selling landing page promoting mortgages and investment products.
- Integrated NIBSS Financial Authentication System (FAS) with core banking services, enabling branch staff to perform real-time BVN/NIN validation, cross-verification checks, and identity matching—ensuring regulatory compliance and streamlining KYC processes across all branches.
- Developed a Card Distribution Tracking System with automated email notifications and real-time monitoring across 500+ branches, providing card operations with visibility into delivery efficiency and customer collection status.
- Engineered a Critical Action Buzzer escalation platform with categorized panic routing, enabling relationship managers to instantly alert specialized HQ support teams for faster issue resolution.
- Developed an automated Transaction Charges System integrating with core banking services to process statement requests and relationship letters, eliminating manual errors and preventing revenue leakage through accurate customer account debits.
- Digitized the Law Enforcement Agent (LEA) request workflow with secure document handling, automated compliance tracking, and audit trails to ensure timely regulatory responses.

Frontend Developer & IT Support (NYSC) | Rural Electrification Agency of Nigeria   Jan 2023 - Jan 2024

- Collaborated with a 5-member developer team to redesign the agency's website, implementing mobile-first designs with HTML/CSS/JavaScript to improve user experience and accessibility of rural electrification project data.
- Assisted in resolving 80% of IT support tickets (hardware/software troubleshooting, network issues) within 24 hours, minimizing downtime for 100+ agency staff.
- Developed interactive prototypes for stakeholder review, accelerating the website redesign approval process by 3 weeks.
- Gained hands-on experience in user-centered design principles, Agile workflows, and IT lifecycle management.

Network Engineer Intern | NNPC Limited April 2021 - Oct 2021

- Acted as first responder for network incidents, resolving 90% of connectivity issues (e.g., router failures, switch misconfigurations) within 1 hour, minimizing downtime for 500+ corporate users.
- Supported troubleshooting of Wi-Fi access points, resolving connectivity issues for 200+ employees and improving wireless network reliability.
- Assisted in configuring and maintaining Cisco routers/switches, optimizing network performance and reducing latency by 25% across Abuja office sites.

Education

Bells University of Technology, Nigeria

B.Eng in Computer Engineering

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Advance Data Structures and Algorithms, Information Security

Awards and Certificates

- **ITIL v4 Foundation Certification (**[Certificate](#)**)**
- **Foundational C# with Microsoft Certification (**[Certificate](#)**)**