

Ariyo Jones

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SUMMARY

Backend Engineer with strong background in system design, architecture, and building scalable backend services. Skilled in developing AI-enhanced Retrieval-Augmented Generation bot that improves user interaction. I have delivered software solutions with exceptional speed, shared great innovative ideas and insights to improving software solution and its lifecycle.

WORK EXPERIENCE

ECOBANK NIGERIA HQ

BACKEND ENGINEER (FULL TIME)

Mar 2026 - Present

Lagos, Victoria Island

In the Innovations Team, we develop applications using Java, C# and React

- Developed an HR onboarding system using Spring Boot and React to make it easier for Ecobank Nigeria to recruit different kinds of new hires
- Reviewed and refactored legacy backend services using Spring Boot and Git, added unit tests, and optimized database queries, which improved system reliability and reduced error rates
- Built a Card Transaction Monitoring portal backend with Spring Boot that tracks all card transactions, generated anomaly reports, and emailed alerts to operations staff
- Supported a senior colleague in creating a Transaction Reversal Posting service, a headless worker built with Spring Boot, React, and Microsoft SQL Server that identified eligible reversal records and posted them automatically, reducing manual reversal processing time
- Developed a Spring Boot backend for the E-Fraud Portal that provided digital fraud case capture, a nine-stage approval workflow across ten roles, investigation and refund approval, a complete audit trail, fraud analytics, and user administration

IHS TOWERS

APPLICATION DEVELOPER (INTERN)

Mar 2024 - Aug 2024

Lagos, Victoria Island

Developed applications using Asp.NetCore and Power Apps

- Developed an asset management system using ASP.NET 8 framework (C#) and Microsoft SQL Server, replacing Excel sheets for tracking asset information, which improved data accuracy and accessibility
- Developed an e-commerce application using a microservice architecture with ASP.NET 8, Microsoft SQL Server and Stripe, enhancing scalability and performance for online transactions
- Gained experience in using Transact-SQL within Microsoft SQL Server, enhancing database management skills and contributing to more efficient data handling
- Utilized Microsoft 365 tools such as Power Apps, Power BI, ServiceNow, and Power Automate to streamline workflows and enhance team collaboration
- Completed a Power Apps project that automated internal request tracking, using Power Apps connectors and Git for version control, which streamlined the workflow and helped the team meet its delivery goals

SAHCO

BACKEND DEVELOPER (INTERN)

Aug 2023 - Nov 2023

Lagos, Ikeja

Develop, test and document APIs using Javascript and Postman

- Documented, tested and wrote APIs using Postman for a project application that manages passenger information and properties, enhancing the application's reliability and user experience
- Developed a project using React for the client side and Node.js with Express framework for the server side, applying agile methodology and microservice architecture to improve scalability and efficiency
- Developed APIs to handle passenger images using platforms like Cloudinary, improving image management and storage capabilities
- Created a web-based photographer blog application using JavaScript, Express framework, EJS, and MongoDB with a monolithic architecture, enhancing user engagement and content management
- Followed Environmental, Health, and Safety Procedures in the workspace, ensuring a safe and compliant working environment

21st CENTURY TECHNOLOGIES

ICT Technician (INTERN)

Aug 2022 - Oct 2022

Lagos, Ikoyi

- Tested and installed network cables on-site, ensuring reliable connectivity and reducing downtime
- Tested Hikvision security cameras and fiber connections, ensuring optimal performance and enhancing security measures
- Mounted router poles and cameras across various organizations, improving network infrastructure and security coverage
- Supported configuring new sets of security cameras using the required software and hardware

EDUCATION

Fountain University

Bachelor's Degree, Computer Science

Nov 2021 - Aug 2025

Nigeria

SKILLS

- **Programming Languages:** Java, C#, JavaScript, TypeScript, SQL
- **Database:** MongoDB, MS SQL, MySQL, PostgreSQL, Redis
- **Version Control:** GitHub, Git, GitLab
- **Dev ops:** Docker, Kubernetes

- **Backend & Frameworks:** Restful API, GraphQL, gRPC, Websockets, Express, .NET Core, Spring Boot, Microservices, Monolith, Modular Monolith
- **Frontend & Frameworks:** HTML/CSS, React, Tailwind
- **AI:** Retrieval Augment Generation, Agentic AI, Large Language Models
- **Cloud:** AWS
- **Soft / Behavioral:** Problem Solving, Teamwork, Innovation, Leadership, Debugging

PROJECTS

Asset Management System - C# (Monolith) <i>IHS Towers</i>	May 2024 - Jul 2024 <i>Nigeria</i>
Outpatient Management System - JavaScript & C# (Microservices) <i>Final year project</i>	Mar 2025 - May 2025 <i>Nigeria</i>
HR Pre Onboarding System - Java (Modular monolith) <i>Ecobank Nigeria</i>	Apr 2026 - Jul 2026 <i>Nigeria</i>
E-fraud Portal - Java (Monolith) <i>Ecobank Nigeria</i>	Sep 2026 - Oct 2026 <i>Nigeria</i>
Card Transaction Monitoring Portal - Java (Monolith) <i>Ecobank Nigeria</i>	Jul 2026 - Sep 2026 <i>Nigeria</i>

LANGUAGES

- English
- Yoruba