

# NELSON AKEWE

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📍 Lagos, Nigeria

🐙 GitHub: [github.com/nellyx](https://github.com/nellyx) ↗

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## PROFILE

Versatile Software Engineer with 2+ years of hands-on experience in backend development, API design, database management, and full-stack web applications. Proficient in Java, Spring Boot, and JavaScript frameworks. Passionate about building scalable, high-performance systems using clean code practices and microservices architecture. Known for strong problem-solving skills with a focus on efficiency, security, and user impact.

## PROFESSIONAL EXPERIENCE

### Hydrogen Group | Remote

03/2025 - 05/2025

#### Software Engineer

- Collaborated on the development of a Human Resource Information System (HRIS) for C&I Leasing using Java and Spring Boot
- Developed REST APIs for onboarding, offboarding, employee records, payroll, and benefit tax automation.
- Improved API response times and data reliability by optimizing queries and introducing caching strategies.
- Contributed to CI/CD workflows using Git and Jenkins and maintained 90%+ unit test coverage with JUnit
- Worked collaboratively with cross-functional teams to align technical execution with business goals.

- Utilized Git for version control and collaborated in an agile environment with sprint planning, stand-ups, and iterative development
- Ensured controller-level implementation integrity and adhered to secure coding practices

## Semicolon Africa

02/2024 - 02/2025

### Software Engineer (Java, Python, and JavaScript)

- Collaborated in a team of four to architect and implement backend services for a ride-booking platform, improving operational reliability and scalability.
- Applied core Java and Node.js concepts including OOP, ES6+, array methods, and functional programming to build efficient, maintainable codebases.
- Engineered responsive, mobile-first UIs using React.js and Tailwind CSS, integrating real-time APIs to enhance user booking experience.
- Delivered sprint-based features in an agile workflow, accelerating team velocity and ensuring consistent code quality.
- Optimized data models and queries in PostgreSQL, MySQL, and MongoDB, enhancing database performance and ensuring high data integrity.

## Moat Academy

02/2024 - 02/2025

### Web Development Intern

- Designed and deployed responsive WordPress websites using custom PHP templates and plugins.
- Integrated location-based APIs and ensured mobile compatibility via manual and browser testing.

## PROJECTS

### Anonymous Therapy - MERN Stack Platform

🔗 GitHub Repo: <https://github.com/nellyx/Anon-Therapy> ↗

Feb 10, 2025 | Lagos, Nigeria

- Built a monthly subscription-based therapy platform with secure session booking

- Integrated Paystack for secure recurring payments and transaction validation.
- Developed REST APIs for authentication, chat, and session scheduling using Node.js and Express.
- Implemented JWT authentication, bcrypt password hashing, and Socket.IO for real-time messaging.
- Managed MongoDB schema and deployed with CI/CD on Heroku.

### **DadaBoy Logistics - Logistics & Dispatch Backend System**

Sep 16, 2024 | Lagos, Nigeria

- Designed and implemented backend logic for dispatch operations and package tracking.
- Integrated Paystack for seamless payments and exposed RESTful APIs for frontend consumption
- Implemented authentication, delivery lifecycle management, and payment confirmation logic.

## **EDUCATION & CERTIFICATIONS**

### **Semicolon Africa**

Software Engineering

### **Henley Business School**

Business Management

## **SKILLS**

### **Technical**

- |           |               |
|-----------|---------------|
| • Java    | • Spring Boot |
| • Python  | • Node js     |
| • Express | • JavaScript  |
| • React   | • CSS3        |

- HTML / TailwindCSS

- REST API

- MongoDB

- Git and GitHub

- MySQL / PostGres

- TDD JUnit

## **Soft Skills**

- Critical Thinking

- Communication

- Teamwork And Collaboration

- Problem-solving

- Time-Management

- Leadership

- Adaptability

- Creativity

- Self-Motivation

- Attention To Details