

# Sikiru Ayinlade Adewunmi

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📄 [github.com/ayinladesikiru](https://github.com/ayinladesikiru)

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## 📄 Profile

Dedicated Software Engineer with a strong foundation in data science and backend development. Proven ability to leverage machine learning techniques to build innovative and efficient software solutions. Skilled in critical thinking, problem-solving, algorithm design, and software architecture

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## 📁 Work Experience

### **software engineer**, semicolon limited

April 2023 – present | Lagos, Nigeria

- Reviewed code and used Test Driven Development to improve application performance.
- Utilized the knowledge of MySQL database, JavaScript, jQuery and React to supplement Java development.
- Building and consuming API using REST architecture.
- Built android mobile applications using Kotlin and Android Studio framework.
- Collaborated in Agile team-based, free environment to accomplish objectives in a measured and open manner.
- Provided methodologies for object-oriented software development and efficient database design.

### **software engineer (backend)**, cyberme studio

October 2021 – May 2023 | riyadh, saudi arabia

Designed and Developed Python Microservice application for new Brand Protection Service offered by Cyberme and the clients.

Re-engineered legacy application to leverage more efficient design practices, resulting in increase efficiency and throughput.

Maintained and efficiently added new features to existing software.

Performed all testing and troubleshooting methods and documented resolutions in the system.

### **Junior Software engineer**, DataPalace IT Solutions

January 2019 – June 2021 | Lagos, Nigeria

- Developed and consumed API using REST architecture.
- Developed and enhanced web applications with features Spring MVC hibernate and Struts.
- Working with the quality assurance team to set up scripts, test cases and automation protocols. Build [📄](#) with maven tool, CI/CD with Junit, Jenkins, Cucumber and Docker compose.
- Used Git and Github for code versioning and review, Cloud services AWS RDS MySQL and DynamoDB databases and Apache Redis for caching.

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## 🧠 Skills

**Programming languages, Technologies, Framework & Libraries** — Python, Java, JavaScript, Go, MySQL, Postgres, NoSQL, DynamoDB, REST APIs, Docker, Kubernetes, Bootstrap, AWS, Pytest, Pydantic, ORM, Django, Flask, Spring, SpringBoot, Kafka, FastAPI, React, Git, Github, Scipy, Numpy, Swagger, Pandas, Wordpress

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## 📁 Academic Projects

### **Library Management System**, Library Management System (Distributed system) [📄](#)

Architected and implemented a scalable microservices-based platform for administration and library services, leveraging Apache Kafka for robust, real-time inter-service communication.

### **Task Management System (Case Study - Atlassian)** [📄](#)

Designed and implemented a comprehensive user and administrator onboarding and management system, incorporating a user-friendly drag-and-drop task management interface and a sophisticated role-based access control mechanism.

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## 🎓 Education

### **semicolon africa**,

Diploma in software engineering [📄](#)

2021 – 2022 | Lagos, Nigeria

### **Henley Business School**,

Diploma in Business Education

2021 – 2022 | Reading, England

### **University of Ibadan**, B. Sc Psychology

2014 – 2019 | Ibadan, Nigeria

GPA: 5.9/7.0

### **Tower Polytechnic**,

National Diploma, Computer Science

2010 – 2012 | Ibadan, Nigeria

GPA: 67.80/100.00