IBRAHIM IBRAHIM BABATUNDE

SOFTWARE ENGINEER

CONTACT

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📍 Lagos, Nigeria

EDUCATION

2024 SOFTWARE ENGINEERING PROGRAM
- Semicolon Africa, Lagos State, Nigeria

HENLY BUSINESS SCHOOL (UK)
Certification In Business Management

SKILLS

- Programming Languages: Java, Python, JavaScript, Node.js Web Frameworks:
- Spring Boot, Django, Flask, Node.js, React.js Databases: MongoDB, MySQL,
- Postgres Version Control: GitHub
- Development Practices: RESTful API
- Design and Development, Backend Development, Frontend Development, Object Oriented Programming(OOP), Test Driven Development(TDD). Web Development: HTML, CSS, react
- Containerization: Docker Microservices
- Architecture
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LANGUAGES

- English

SUMMARY

Results-driven junior back-end engineer with practical experience in Java, Spring Boot, Python, Django, Javascript, react.js, HTML, CSS, tailwind and back-end application architecture. Skilled in database design, API development, and secure authentication using OAuth and JWT.

EXPERIENCE

SemicolonAfricaLagos, Nigeria   2024

SOFTWARE ENGINEER TRAINEE

Technical Skills Development

Acquired in-depth knowledge of data structures and algorithms, enhancing my abilities to design efficient and scalable back-end systems.
Strengthened my back-end development skills by applying this principles to real world scenerios, improving performance in areas such as database optimization, API design, request handling and server-side data processing.

Designed and Developed Innovative Applications, including:

Visitor-management System: A secure and scalable back-end system designed to streamline visitor access for gated communities and residential estates.
   Key Features
  * Resident access control - Residents can generate one-time or time-bound access codes for their visitors.
   * Security verification - Guards verify visitor's code in real- time at the gate.
   * Role based access - Separate portals for residents, securities and administrators
   * Audit trail - Logs every entry and exit for improved transparency and accountability.
   * Notifications -Visitors and resident can receive instant sms/email alerts upon code generation and usage.

E-commerce App: A full-stack e-commerce application built to provide a seamless shopping experience for customers and robust management tools for store administrators. The platform supports browsing, secure checkout.

Key Features

 * Product management - Sellers and admin can add, edit and categorize products with images and descriptions.

 * Shopping cart & checkout - Customers can manage cart, apply discount codes and complete purchases.

 * Secure payments - Integrated with paystack for reliable transactions.

 * User authentication & roles: roles bases access for admins, seller and customer.

 * Order tracking - Real time order status updates.

 * Notifications -SMS/Email confirmations for order and delivery updates.

INTEREST

Cloud Computing
I'm passionate about leveraging cloud platforms(AWS, Azure, GCP) to build scalable, secure and high end back-end systems.

Cyber-security
I'm keen on exploring secure coding practices, authentication systems and vulnerability management to design resilient applications.

Mobile Development
I enjoy learning how back-end systems integrate with mobile apps, ensuring seamless data flow and optimized API performance for cross platforms solutions.