

OKAFOR IFECHUKWU CHINEMELUM

SOFTWARE ENGINEER

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PROFILE

Results driven software engineer with years of experience developing Java based backend system and full-stack applications using Spring Boot, React, Python, Javascript, Java and SQL/NoSQL databases. Proficient in designing modular systems with interfaces, polymorphism, clean code, SOLID principles, Test-Driven Development for efficient data management.

PROFESSIONAL EXPERIENCE

Software Developer intern, Semicolon African <ul style="list-style-type: none">• Work closely with backend engineers to understand system requirements, business logic and server-side architecture in a real-world Java development environment.• Learn to write, test and debug backend code using Core Java, following object-oriented principles and clean code practices.• Assist in implementing small modules such as service methods, data models or input validation with guidance from mentors.• Observe and gradually participate in code reviews to understand backend standards, performance considerations and maintainability.• Get introduced to frameworks and tools commonly used in backend Java development (e.g Spring Boot, Maven, Junit) and practice through guided tasks.• Practice using Git for version control and work in IntelliJ IDEA or other IDEs to become familiar with professional java tooling.	11/2024 – Present Lagos, Nigeria.
IDEAS Training Funded by World Bank, TechBridge <ul style="list-style-type: none">• Built RESTful APIs with Spring Boot and optimized MySQL queries, application response time by 30%.• Automated deployments using Docker, cutting deployment time from 2 hours to 10 minutes.• Developed a React-base onboarding tool, reducing new hire onboarding time by 50%.• Fixed a critical bug within 24 hours via root cause analysis and unit testing, ensuring zero client disruptions.	09/2023 – 10/2024 Lagos, Nigeria
Software Engineer, Syber Shield Tech Academy <ul style="list-style-type: none">• Developed and maintained scalable backend systems using Java and Spring Boot, improving system performance by 20%.• Documented internal APIs to support third party integrations, enhancing developer collaboration and reducing onboarding time by 25%.• Integrated Paystack payment gateway, ensuring secure transactions and reducing settlement errors by 15%.• Debugged and resolved production issues, achieving 99.9% system uptime and increasing user satisfaction.	01/2022 – 05/2023 Asaba, Nigeria

EDUCATION

B.Sc. Computer Science (Second class lower), Ekiti State University, Ekiti, Nigeria	2010 – 2017
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SKILLS

Programming Languages:

Java, Javascript, Python, SQL

Methodologies:

OOP, RESTful, APIs, Agile, CI/CD

Testing

JUnit testing

Soft Skills:

Problem Solving, Collaboration, Attention to detail, Continuous Learning.

Frameworks & Tools:

Spring Boot, React, Tailwind CSS, Docker, Kubernetes, Git, Draw.io

PROJECTS

Sybershield website, *A comprehensive full stack web application*

A comprehensive full stack web application which equip students with the expertise to master tech skills and secure certification. Technologies: Java, Spring Boot, Tailwind CSS, MySQL, MongoDB, Github Actions, Docker, Kubernetes.

Goodpay Exchange, *An Exchange platform*

RESTful web-service that provides a wide range of features for exchange, secure payment options and customer support. Technologies: Core Java, SQL Server, Spring Boot, Restful API, Paystack, Docker, Kubernetes.

Flipbiz, *A comprehensive full stack web application which helps users invest in startup, Buy and Sale Business*
Technologies: Java, Spring Boot, Tailwind CSS, MySQL, MongoDB, Github Actions, Docker, Kubernetes.