

EZINNE IROHA KALU

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Summary

A skilled and passionate Backend Web Developer with one year of hands-on experience in Java, Spring Boot, MySQL, and version control using GitHub. Adept at developing scalable and high-performance backend systems, integrating APIs, and optimizing database queries. Seeking to leverage expertise in backend development to contribute effectively to the growth and success of your team at your company.

Education

Abia State Polytechnic, Sept 2006 - Aug. 2011
Higher National Diploma

Skills

- **Programming Languages:** Java and Python
- **Frameworks:** Spring Boot
- **Databases:** MySQL
- **Version Control:** Git, GitHub
- **Web Technologies:** RESTful APIs, JSON
- **Development Tools:** IntelliJ IDEA, Maven
- **Operating Systems:** Windows
- **Other Tools:** Postman (Basic knowledge)

Work Experience

Backend Web Developer, **Tripod Legacy Limited (PMS)**, Jan. 2025 - Till Date.

- Developed and maintained RESTful APIs and backend services using Java and the Spring Boot framework.
- Designed and optimized MySQL databases to handle large datasets with improved query performance.
- Collaborated with frontend developers to ensure smooth integration between frontend and backend systems.
- Used Git and GitHub to manage version control, track code changes, and collaborate with a development team.
- Ensured the backend services adhered to security best practices and optimized code for performance.
- Wrote unit tests with JUnit to ensure the reliability and stability of backend systems.

Intern – Backend Development, **Code Craft InfoTech, USA. (Remote)**, 2024.

- Assisted in the development of backend features using Java and Spring Boot.
- Supported the database design process and wrote SQL queries to manage data.

- Contributed to documentation for APIs and backend services.
- Worked on bug fixes and minor features under the guidance of senior developers.
- Participated in daily stand-ups and sprint planning sessions as part of an Agile development team.

Projects

Cloud Vendor API Backend System

Developed a Cloud Vendor API(CRUD, that allows managing cloud vendors by performing CRUD (Create, Read, Update, Delete) operations.

- **Technologies:** Java, Spring Boot, MySQL, GitHub
- **Role:** Backend development, database design, API development
- **Outcome:** Scalability & Automation – Enables automated provisioning, scaling, and management of cloud.

Email Administration Application

Developed an Email Administration Application Backend System for handling user management, email delivery, security, and administrative controls for an email service.

- **Technologies:** Java, Spring Boot, MySQL, GitHub
- **Role:** Backend development, database design, API development
- **Outcome:** Efficient Email Communication

ATM Backend System

Developed and maintained the backend for an ATM platform for handling transactions, user authentication, account management, and security features for an Automated Teller Machine (ATM)

- **Technologies:** Java, Spring Boot, MySQL, GitHub
- **Role:** Backend logic, database management, API development
- **Outcome:** **Efficient** Transaction Processing – Users can quickly withdraw, deposit, transfer funds, and check balances..

Certifications

- **Java Programming Certification** — Alison and Udemy
- **Spring Boot Developer Certification** — Udemy

Languages

- English (Fluent)
- Igbo

