

# Abayomi Ogunlowo

## Mid-Level Backend Engineer

Phone: +2348098638229

Email:

[abayomiogunlowo@gmail.com](mailto:abayomiogunlowo@gmail.com)

GitHub: [abayomiogunlowo](https://github.com/abayomiogunlowo)

SO: [http://bit.ly/yomi\\_stack](http://bit.ly/yomi_stack)

LinkedIn: [View Profile](#)

## Summary

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Mid-Level Backend Engineer with over 3 years of experience in crafting and managing high-performance web applications within resilient microservices architectures. Proficient in leveraging technologies like Spring Boot, Java EE, and RESTful APIs to deliver scalable solutions that meet demanding performance requirements. Demonstrated expertise in both frontend and backend technologies, with a strong focus on performance optimization, problem-solving, and seamless third-party API integration. Adept at collaborating effectively within Agile and Scrum team environments.

## Technical Skills

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**Programming Languages:** Java, Python, SQL, JavaScript

**Frameworks:** Spring Boot, Spring MVC, Spring Security, Spring Cloud, Hibernate, React, Bootstrap, Thymeleaf

**Databases:** MySQL, PostgreSQL, Google Sheets API, MongoDB

**Tools:** IntelliJ IDEA, VS Code, Eclipse, Git, GitHub, Maven, Gradle, Docker, AWS, Postman, Insomnia, JIRA, Confluence

**Web Technologies:** HTML, CSS, Java Server Pages, Servlets

**Concepts:** Object-Oriented Programming (OOP), Design Patterns, Microservices Architecture, Test-Driven Development (TDD), Continuous Integration/Continuous Deployment (CI/CD), Version Control Systems, Agile Development / Scrum

## Professional Experience

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Software Engineer | Decagon Institute

April 2024 – Present

- Designed and developed server-side logic and RESTful APIs using Spring Boot, improving the functionality and user experience by 25%.
- Implemented comprehensive unit and integration testing with JUnit and Mockito, enhancing code reliability and maintainability.
- Optimized database queries and designed reports using MySQL, improving data retrieval and

visibility by 8%.

- Collaborated cross-functionally to deliver robust backend solutions aligned with business goals, improving project delivery efficiency by 12% through effective communication and teamwork.
- Participated in multiple industry conferences and educational programs to stay updated with current best practices and emerging technologies.

## Software Engineer | FIRI Solutions

Jun 2021 – Dec 2021

- Developed a backend REST Web API service with Spring Boot and Hibernate, improving data access speed by 12%.
- Used Java Server Pages (JSP) and CSS to design web pages for product selection, increasing conversion rates by 8%.
- Implemented Object Relational Mapping (ORM) with Hibernate, simplifying complex database queries and showcasing strong analytical skills.
- Utilized JSP and user controls, decreasing user support tickets by 10% through effective problem-solving.

**Projects:** [View Portfolio](#)

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### Escalayt Ticket Management (Spring Boot & React)

- **Purpose:** Developed a web application to help businesses efficiently assign and manage tasks in the form of tickets. The platform includes a status update dashboard where employees can provide updates on their tasks, enhancing task management and productivity.
- **Tech Stack:** Utilized **Spring Boot** for the backend to handle complex business logic and ensure high performance. **React** was chosen for the frontend to create a responsive and dynamic user interface, providing a seamless user experience.

### FIRI Bulk Email Verifier (Fast API & Next.js)

- **Purpose:** Created a SaaS web application for bulk email verification, allowing users to upload their email lists in CSV or TXT format for fast and accurate validation. The application is designed to process emails 100 times faster than other available verifiers, with an architecture ready for a bulk email debouncing feature.
- **Tech Stack:** Implemented with **FastAPI** for the backend to ensure high-speed processing and scalability. **Next.js** was used for the frontend to provide server-side rendering and optimized performance for a smooth user experience.

### IFarmer (Spring Boot & React)

- **Purpose:** Developed a social media web app specifically for farmers to manage their livestock or crops and connect with each other, fostering a community and enabling knowledge sharing and collaboration among farmers.
- **Tech Stack:** Built with **Spring Boot** for robust backend services and **React** for a dynamic, interactive frontend experience, facilitating real-time updates and social interactions.

### Yomi Platinum E-Commerce Solution (Wordpress & Google Cloud Products)

- **Purpose:** Designed and implemented a wristwatch e-commerce website with integrated payment services and administrative management features. The site supports online transactions via Paystack and provides analytics and reporting through Google Data Studio.
- **Tech Stack:** Utilized **WordPress** for quick deployment and ease of management. Integrated **Google Cloud Products** for secure, scalable infrastructure and **Google Data Studio** for data visualization and reporting.

### Woodex E-Commerce (Spring MVC & Thymeleaf)

- **Purpose:** Created a comprehensive e-commerce solution for a furniture business, featuring an admin dashboard for managing inventory and orders, and a user-friendly frontend for customers to browse and purchase products.
- **Tech Stack:** Developed using **Spring MVC** for a robust and scalable backend and **Thymeleaf** for server-side rendering of dynamic web content, ensuring a cohesive and responsive user interface.

### Employee Management System (Java Servlet & JSP)

- **Purpose:** Built a complete employee management system to handle employee data, salaries, attendance, and leave management, featuring separate dashboards for administrators and employees to manage their respective tasks.
- **Tech Stack:** Used **Java Servlet** and **JSP** for a reliable, server-side solution that handles dynamic content and user interactions effectively.

### Dammac Global Intranet (Google Cloud Products)

- **Purpose:** Developed an intranet solution for comprehensive organizational management, including staff management, client management, fleet management, sitewise supply, construction/maintenance project management, gas stations management, and more. The platform supports detailed data analysis and visualization.
- **Tech Stack:** Built entirely on **Google Cloud Products** like Google Sheets, Google App Script, Forms, and Data Studio/Looker, providing a fully integrated and secure environment for data management and visualization.

## **Education**

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**ISM Adonai, Benin Republic.**

**2017-2020**

B Sc. Computer Science

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**Maritime Academy of Nigeria, Oron, Nigeria.**

**2012-2014**

OND Marine Engineering

