

# Temitope Akinboh

## Mid-Level Backend Engineer (Java)

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## 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, SQL, JavaScript

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

**Databases:** MySQL, PostgreSQL, Oracle, 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

Sept 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.
- Worked on Fintech applications, specifically in banking and finance, to deliver secure and efficient solutions.

#### **Associate Software Engineer | Ochehi Technologies**

**Jan 2022 –Aug 2023**

- Designed web services using Spring Boot that improved API response times by 15%, utilizing innovative approaches to complex problems.
- Integrated backend services with frontend components (React), reducing page load times by 25% and demonstrating adaptability to new technologies.
- Implemented security measures with Spring Security and optimized database performance for key business processes.
- Designed and implemented reports using PostgreSQL, increasing data visibility for 3 key business processes.
- Performed unit testing and troubleshooting with JUnit and Mockito, reducing post-release defects by 22%.
- Developed Fintech solutions, including banking and finance applications, ensuring compliance with industry standards.

#### **Associate Software Engineer (Intern) | Evermark Group**

**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**

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#### **Task Management Application**

- Developed a Task Management Application to enhance personal productivity by allowing users to organize their tasks efficiently.
- Implemented user registration with email confirmation and JWT-based authentication for secure login and task management.
- Created, viewed, edited, and deleted tasks with details such as title, description, deadline, and priority level.
- Built using Spring Boot, Spring Security, Postman for API testing, PostgreSQL for database management, and Git for version control.
- Consumed a frontend made with React to run the application.

### Library Application

- Designed and developed a full-stack Library Application using React for the frontend and Spring Boot for the backend.
- Implemented comprehensive features including user authentication, advanced book search, detailed reviews, and loan management.
- Developed an admin dashboard for efficient book inventory management and responding to user queries.
- Integrated Stripe API for secure payment processing of late book returns, ensuring smooth and reliable transactions, upon successful transaction confirmation receipt is sent to the user's email address.
- Enhanced user experience with a responsive, dynamic, and user-friendly interface, accessible across various devices.

### KI-Hub (E-Commerce)

- Developed a banking app with advanced security features and seamless functionality.
- Enabled customer registration with email confirmation, login, and account editing. Integrated profile picture uploads with cloud storage.
- Implemented functionalities for crediting accounts and transferring money to other users using account details.
- Ensured both senders and recipients received email alerts for credit and debit transactions.
- Enabled users to generate account statements and perform name inquiries.

### Employee Management System

- Modeled an Employee Management System to streamline employee data management, including attendance, leave time, and salaries.
- Built with Hibernate, Thymeleaf, and Spring MVC, using MySQL for database management and Bootstrap for responsive UI design.

### School Library System

- Developed a comprehensive job portal application named max-devjobs that allows jobseekers to upload resumes, find and apply for jobs, and recruiters to post and manage job listings.
- Built using Spring Boot, Spring Security, Spring MVC, Spring JPA/Hibernate, MySQL, and Thymeleaf.
- Features: User registration, login, resume upload, profile management, job listing, job application, and secure authentication.
- Deployed the app and its database to AWS for reliable and scalable access.

## **Education**

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**Babcock University, Ilesha-Remo, Nigeria.**

**2022**

Bachelor of Science (Second Class Upper)