

# AISHAT OMODESOLA MOSHOOD

Agile Software Engineer knowledgeable and skilled in the planning, documentation, design, implementation and testing of scalable web applications; backend and frontend development requirements, as well as the development of high-end solutions, to ensure smooth product delivery. Successful at improving usability, performance and functionality by applying skills in Java and JavaScript.

## EXPERIENCE

**DECAGON**, Lagos, Nigeria - Software Engineer January 2022 - Present

- Design and development of well-structured solutions and clean codes for RESTful services, core services and data access layers, delivering projects within deadline.
- Backend development using java concepts (OOP), servlets and springboot, webservices and API, while adhering to SOLID principles. Carrying out unit and integration tests on these applications.
- Providing software solutions by interpreting product requirement document (PRD), user stories and wireframes.
- Applying knowledge of algorithms and data structures to create clean and efficient code.
- Efficiently managing project databases such as MySQL and PostgreSQL.
- Facilitating best practices and high standards, leading to an increase in application stability.
- Refactoring code bases to meet client demands and ensure more efficient space and time complexity.

**LOTUS BETA ANALYTICS**, Lekki, Lagos, Nigeria - Web Application/Software Developer May 2021 — December 2021

- Developed and designed structured solutions and maintained clean code for restful services by utilizing core Java concepts such as OOP, servlets, Springboot.
- Planned website development, converting mockups into usable web presence with React.js and SharePoint Framework(SPFx).
- Conducted TDD, unit tests, and integration tests for these applications.
- Collaborated with other teams and senior management to adapt components to changing industry standards and by doing so saved hours per week.
- Followed documentation during the web application development process, to ensure conformance with user stories.

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## TECHNOLOGIES

- Core Java
- Spring, Springboot
- Spring Cloud, Microservices
- Spring MVC, Spring Security
- APIs and RESTful services
- Junit/Mockito
- TDD
- Integration Tests
- Docker, CI/CD
- Debugging and Deployment
- Postgresql
- MySQL, Mongo DB
- Git / GitHub
- Heroku
- Python (Flask)
- jQuery
- Scrum and Agile Methodology
- ReactJS, CSS, HTML, Tailwind CSS
- JSP, Thymeleaf

## TOOLS

- Postman, Swagger
- IntelliJ IDEA, Eclipse
- VS Code
- Jira

- Identified patterns and improved accessibility to content by topic
- Assessing content and attaching tags to content.
- Content categorization and review.

## PROJECTS

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### **Fashion Blog API** — [Click to view!](#)

A RESTFUL API that lets multiple bloggers post content and get responses from their readers, in the form of likes and comments. Technologies Used: Spring Boot, Java, PostgreSQL, Postman

### **Activity Tracking API** — [Click to view!](#)

An activity tracking REST API that helps keep track of one's tasks and activities, task status can be pending, in progress or done.

Technologies Used: Spring Boot, Java, PostgreSQL, Postman

### **Oakland Furniture** — [Click to view!](#)

An e-commerce web application whereby customers can select, add to cart and purchase furniture products, Customers can as well add products to favourite, fund their wallet and make payment from it.

Technologies Used: Springboot, Spring Security, Git Actions(CI/CD), React.js, Paystack for Payment Integration.

### **Buzzmonie – (Ongoing Project)**

The proposed application is a microservice-based wallet platform that facilitates cashless transactions, enabling both individuals and businesses to send and receive money effortlessly. The users can utilize their phone numbers or QR codes to initiate transactions with ease.

Technologies: Spring Boot, Spring Security, MongoDB, PostgreSQL, RabbitMQ, Redis, Spring Cloud and Microservices.

## ACADEMIC QUALIFICATION

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### **Federal University of Ilorin, Ilorin, Kwara State, Nigeria**

September 2014 – September 2019

B.Eng. Chemical Engineering

*(Second Class Honours [Upper Divisions])*

### **Moat Academy for Developers**

January 2021 – April 2021

Software Development

## CERTIFICATIONS

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- Scrum Fundamentals Certified (Scrum Study Accreditation)
- EF Standard English Test (EF SET)