

# Fakorode Odunayo Henry

Full Stack Java Developer

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## ABOUT

Results-driven Java Backend Developer with hands-on experience in building scalable and secure web applications using Spring Boot, Spring Cloud, Hibernate, PostgreSQL and MySQL. Skilled in developing RESTful APIs, microservices, and backend architectures with strong emphasis on security, caching, optimization, and debugging. Proficient in designing and implementing role-based authentication, API documentation using Swagger, and managing database indexing and performance tuning.

Successfully delivered multiple real-world projects, including an Ambulance Dispatch Management System featuring ETA-based service allocation, email notifications, and administrative control panels. Adept at integrating frontend clients with backend APIs and experienced in API Gateway, Spring Security, and exception handling.

Currently deepening expertise in backend fundamentals, including networking, system design, and optimization strategies, with a focus on building reliable, maintainable, and high-performance backend solutions.

## WORK EXPERIENCE

### [Java Developer Intern | Badkul Technology Pvt. Ltd.](#)

Sep 2025 - Sep 2025, Remote, India

Developed and maintained a RESTful Trip Management System backend using Spring Boot, Hibernate (JPA), and MySQL to efficiently handle travel data.

- Designed and developed a RESTful Trip Management API, enabling efficient handling, search by destination, and filtering by status for travel data.
- Integrated pagination and sorting functionalities for optimized API responses, enhancing data retrieval performance.
- Implemented custom validation, global exception handling, and Swagger API documentation, improving API robustness, testability, and visibility.
- Achieved an A+ performance grade, recognized for technical excellence and professional conduct during the internship.

### [Intermediate Java Developer Intern | FlexiSAF Edusoft Limited](#)

May 2025 - Aug 2025, Lagos, Lagos State, Nigeria

Contributed to backend development initiatives, building RESTful APIs and system logic using Java, Spring Boot, and MySQL within an agile project environment.

- Developed a web-based Ambulance Service Provider using Spring Boot, Thymeleaf, and MySQL, streamlining patient requests and efficient dispatch.
- Implemented secure role-based authentication via Spring Security and designed ETA-based assignment logic, reducing dispatch delays to a 30-minute guarantee.
- Engineered robust error-handling and logging mechanisms, minimizing system downtime and enhancing debugging efficiency.
- Integrated automated email notifications, cutting manual follow-up efforts by 40% and improving patient updates.
- Optimized database schema and Hibernate Queries, achieving a 25% reduction in system response time.

## PROJECTS

### Full Stack WhatsApp Clone (Version 1)

Oct 2025 - Oct 2025

Developed a full-stack WhatsApp Clone (v1) in 3 days, featuring real-time chat, user authentication, online/offline status, AI assistant integration, and real-time translation for multilingual communication. Fully containerized with Docker, improving deployment speed by 40% and demonstrating rapid prototyping and scalability.

### Job Tracker Application

Sep 2025 - Sep 2025

Spearheaded the development of a microservices-based job application tracking system using Java Spring Boot, enhancing system performance by 3% as validated through load testing and monitoring metrics.

### AgroScan

May 2025 - May 2025

Built the backend system for an AI-powered crop disease diagnosis platform using Python (Django), integrating the machine learning model developed by the data science team through RESTful APIs for image upload and prediction retrieval.

### Verifact (Fact-Checking Application)

Apr 2025 - Apr 2025

Collaborated with a cross-functional team to design and deliver a web-based fact-checking application by building the backend system using Spring Boot and MySQL, including RESTful APIs, authentication, and data management features.

### Mail Validator System

Feb 2025 - Feb 2025

Developed a Spring Boot application to efficiently validate email addresses, increasing user authenticity by 40% and reducing fake or disposable email signups by 35%, thereby strengthening overall system security.

### DeenWise

Jan 2025 - Jan 2025

Built both the frontend and backend of Deenwise, a web platform that empowers users to learn the Quran interactively, using Spring Boot, Thymeleaf, JavaScript, and Tailwind CSS for a seamless learning experience.

## EDUCATION

### Electrical/Electronic Engineering | University of Lagos | Bachelor

Lagos, Lagos State, Nigeria, Nov 2024 - Present

### Secondary School Certificate | Grano Model College

Abeokuta, Ogun, Nigeria, Jan 2020 - May 2022

## SKILLS

**Programming Languages** | Java, JavaScript, Python, HTML, CSS, TailwindCSS

**Backend Development** | Spring Boot, Spring, Django, Hibernate (JPA), Thymeleaf, JSP, JST, Servlet, RESTful APIs, Microservices, Spring Cloud Gateway, Feign Clients, Eureka Service Discovery

**Database Management** | MySQL, PostgreSQL, Cloud Databases, Database Schema Optimization, Hibernate Queries

**DevOps & Cloud** | Docker, Render, Containerization, Cloud Deployment, Git, GitHub

**Security** | Spring Security, JWT Authentication, Role-Based Access Control (RBAC), Secure Coding Practices

**Core Competencies** | Problem-Solving, Teamwork, Collaboration, Innovation, Technical Expertise, Clean Code, Best Practices, Code Storytelling, Documentation

**Tools & Methodologies** | Postman, IntelliJ, Eclipse, Swagger, Maven, JUnit, Mockito, Apache Kafka, Real-time Notifications, MVC (Model View Controller), System Thinking, Query Tuning, Caching Strategies, Efficient Resource Management, Error Handling, Logging, Custom Validation, Global Exception Handling, Maintainability, Debugging Efficiency

## CERTIFICATES

[Java & Problem-Solving Certification](#) | HackerRank

[Java Backend Certificate \(Remote\)](#) | FlexiSAF Edusoft Limited

[Software Engineer Intern \(Remote\)](#) | HackerRank

## AWARDS

[Hackathon Winner – Top Project for Verifact](#) | AI Campus Network, University of Lagos

Nov 2025

Awarded Top Project for Verifact, a fact-checking based web application, at the AI Campus Network Demo Hackathon.

[1st Runner-up, Debate & Quiz Competition](#) | University of Lagos (Electrical/Electronics & Computer Engineering Students)

Jan 2025

Achieved 1st Runner-up among 1st - 3rd year Electrical/Electronics & Computer Engineering Students as a first-year student in a unilag engineering competition.

## LANGUAGES

English (Fluent), Japanese (Conversational)