

ONATADE ABDULMAJEED

Full-Stack Software Developer

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[Portfolio](#) • [GitHub](#) • [LinkedIn](#) • [Dev.to](#)

PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience designing, building, and maintaining scalable, secure, and well-tested software solutions across both client-side and server-side systems. Proficient in Java, JavaScript/TypeScript, Node.js, React, and SQL/NoSQL databases, with a strong track record of delivering clean, functional code, writing and integrating effective APIs, and collaborating with product and design teams to ship reliable applications. Experienced in implementing security best practices, conducting code reviews, writing technical documentation, and troubleshooting production systems. Passionate about building high-quality software that solves real organisational and customer-facing needs.

TECHNICAL SKILLS

Languages: Java, JavaScript/TypeScript, Python, SQL, HTML, CSS

Frontend: React, React Native, Next.js, Tailwind CSS, Bootstrap — responsive UI, component architecture

Backend: Spring Boot, Spring, Node.js, Express.js — server-side architecture, business logic, REST APIs

Databases: MySQL, PostgreSQL, MongoDB — schema design, queries, migrations, data integrity

API & Security: REST API design, JWT, role-based access control, Swagger/OpenAPI 3, Zod, security best practices

Testing: Unit testing, integration testing, API testing with Postman

CI/CD & DevOps: Docker, Kubernetes, Maven, Git, GitHub, AWS (basic), Google Cloud, Redis, Heroku

PROJECTS

Full-Stack Developer | Club Vest

Jan 2025 – Present

Tech: TypeScript, Node.js, Express.js, Next.js, PostgreSQL, Paystack, Zod

- Designed and built both client-side and server-side architecture for a membership management platform, supporting 3+ user roles with role-based access control and clean API contracts.
- Developed and managed a well-functioning PostgreSQL database including schema design, migrations, queries, and data validation to ensure data integrity and security.
- Integrated the Paystack payment gateway for payment initialisation, transaction verification, and automatic status updates — applying security best practices throughout.
- Built a responsive React frontend dashboard with appealing visual design, enabling clubs to manage inventory and memberships efficiently.
- Wrote unit and integration tests to validate API behaviour, ensuring responsiveness, efficiency, and reliability across deployments.
- Participated in code reviews, maintained technical documentation, and debugged production incidents by analysing logs and monitoring data.
- Collaborated with frontend developers and product stakeholders to ideate, integrate, and deliver software solutions end-to-end.

Full-Stack Developer | VeriFund — APIConf Lagos 2026 x Monnify Challenge

2026

Tech: Java 21, Spring Boot 4.1, Spring Security 7, Spring Data MongoDB, JWT, Docker, Cloudinary

- Designed scalable client-server architecture for a fundraising platform — building both the REST API backend and its integration with third-party payment and cloud storage services.
- Wrote and integrated effective APIs for campaign management, donation tracking, and disbursement workflows, with full Swagger/OpenAPI 3 documentation.
- Implemented JWT-based authentication and role-based access control with Spring Security, applying security best practices to protect the application against vulnerabilities.
- Integrated the Monnify payment gateway and Cloudinary for document uploads, managing third-party API connections reliably across production flows.
- Containerised the application with Docker and deployed to cloud infrastructure, managing environment variables securely without committing secrets — project ranked top 22 on the leaderboard.

Full-Stack / Infra Engineer | Mini PaaS — Brimble Take-Home Task

Mar 2025

Tech: Express.js, TypeScript, Docker Engine API, Caddy, SSE, React, Vite, TanStack

- Designed and built a full-stack deployment pipeline platform — architecting both the backend service and a real-time React dashboard for monitoring deployment status.
- Implemented backend logic to clone repositories, auto-detect frameworks, and generate Dockerfiles dynamically, managing container lifecycle via the Docker Engine API.
- Configured Caddy as a reverse-proxy server for routing traffic across multiple services, and streamed live build logs to the UI using Server-Sent Events (SSE).
- Maintained and upgraded the codebase iteratively, ensuring all components worked reliably together via Docker Compose for single-command startup.

Full-Stack Developer | [JobPost API](#)

2026

Tech: Java 21, Spring Boot, MongoDB Atlas, Maven, Docker

- Built and deployed a production-ready RESTful job-posting API, designing well-structured REST endpoints for job creation, retrieval, and keyword-based search.
- Documented the full API with SpringDoc OpenAPI (Swagger) and containerised the service with Docker for portable, reliable deployment.

Full-Stack Developer | [Air Easy Reservation App](#)

Mar 2025

Tech: Java Spring Boot, MySQL, React Native

- Built RESTful backend services and a MySQL database schema for a cross-platform mobile reservation app handling flight bookings, payments, and user accounts.
- Created a React Native frontend with intuitive search, booking flow, and smooth mobile navigation — delivering a complete client-side and server-side solution.

VOLUNTEER & TEAM PROJECTS

Full-Stack Developer | [Hospital Management System](#)

Aug – Dec 2024

Tech: Java Spring, JavaFX, MongoDB

- Collaborated in a team to design and build a desktop application managing patient records, appointments, and staff data — taking ownership of backend services and UI components while coordinating tasks to meet all milestones.

Backend & Database Developer | [Football Stats Tracker](#)

Aug – Dec 2024

Tech: Node.js, MongoDB

- Developed backend logic and database management features for a sports statistics system, building efficient data retrieval and querying capabilities across players, teams, and matches.

EDUCATION

Diploma in Information Technology (Software Engineering) | [NIIT OTA, Ogun State](#) 2024 – 2026

Relevant Courses: Analysis of Algorithms, Web Programming, Software Engineering, Networking, Databases

CERTIFICATIONS

- Algorithms and Data Structures — NIIT
- Certificate in Full Stack Development (Java & NoSQL MongoDB) — NIIT
- Honors Diploma in Full Stack Development (Web Designer & Developer) — NIIT
- Python Essentials — NIIT

INTERESTS

Open Source Development, FinTech, EdTech, Cloud Computing, Web3 & Blockchain, Technical Writing, Chess, Finance, Problem-solving.