

ALADEYELU OLUFEMI SAMUEL

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SOFTWARE ENGINEER

Passionate and self-motivated **Software Engineer** with a strong foundation in **backend development, system design, and software architecture**. **Self-trained** in programming and software engineering principles before receiving formal training at **Semicolon Africa**, where I honed my skills in **debugging, testing, and collaborative development**. Experienced in building **scalable applications**, optimizing **backend performance**, and integrating **secure, cloud-based solutions**. I thrive in dynamic environments, leveraging modern frameworks and tools to drive innovation and efficiency in software engineering.

TECHNICAL SKILLS

Languages	:	Java, Python, JavaScript, Kotlin, Dart, HTML, CSS, MQL5
Frameworks	:	Vue.js, React.js, Angular, Express, Node.js, Django, Spring, Flutter, NestJS
Databases	:	MongoDB, PostgreSQL, MySQL, CouchDB
Dev Tools	:	Visual Studio Code, Git, JetBrains IntelliJ, Postman, Docker

EXPERIENCE

Backend Engineer
Hamoni

Jan 2025 – Present
Lagos, Nigeria

- Developing a **secure, AI-powered web-based note-taking application** designed for **therapists, counselors, and medical specialists**.
- Implementing **Spring Boot microservices** to process speech-to-text data and **integrate NLP models** for generating structured session notes.
- Ensuring **data privacy and healthcare compliance** by implementing **robust authentication and encryption** strategies.
- Collaborating with **frontend teams** to deliver a **seamless user experience** while integrating real-time **session tracking and analytics**.

Backend/DevOps Engineer
PaderLabs

Jan 2025 – Present
Lagos, Nigeria

- Developing **scalable backend services** for startups, using **Java, Python, and JavaScript**.
- Building **RESTful APIs** and **real-time applications** using **Spring Boot, Django, and Node.js**.
- Managing **CI/CD pipelines** and deploying applications using **Docker, Kubernetes, and cloud platforms**.
- Optimizing system performance by **refactoring codebases**, improving **database query efficiency**, and implementing **caching strategies**.

MQL5/EA Developer
Freelance

Jan 2025 – Present
Lagos, Nigeria

- Designing and developing **custom Expert Advisors (EAs) and indicators** for automated trading on **MetaTrader platforms**.
- Implementing **technical analysis strategies**, integrating indicators like **moving averages, RSI, MACD, and Bollinger Bands**.
- Developing **risk management and trade execution logic**, ensuring **optimal stop-loss and take-profit placements**.
- Collaborating with traders to **backtest and optimize** trading algorithms for **better market performance**.

IT Support Specialist
Armstrong Ventures

Jan 2021 – Present
Lagos, Nigeria

- Providing **technical support** for hardware and software issues across departments.
- Managing **system installations, upgrades, and network configurations**.
- Assisting with **user account management**, troubleshooting, and helpdesk ticket resolutions.
- Ensuring **IT compliance**, backup processes, and supporting software deployments.

EDUCATION

Henley Business School <i>Diploma in Entrepreneurship Studies</i>	Reading, UK Sept 2023 – Aug 2024
Semicolon Africa <i>Diploma in Software Engineering</i>	Lagos, Nigeria Sept 2023 – Aug 2024
Ajayi Crowther University <i>Diploma in Entrepreneurship Studies</i>	Oyo, Nigeria Jan 2019 – Sept 2020

PROJECTS

HealthEase <ul style="list-style-type: none">Built a Flutter app to reduce hospital waiting times.Developed backend with Django.	Flutter, Django, MySQL, Git
ToDoApp <ul style="list-style-type: none">Created a CRUD application with Java and Spring.Developing a mobile app using Flutter.	Flutter, Java, Spring, Maven, Git
OneTrillionPips Platform <ul style="list-style-type: none">Led development as Project Manager, overseeing frontend, backend, DevOps and Cloud, and UI/UX design.Built and deployed a Forex platform with Vue.js frontend and Spring Boot backend with Version 1 in Dev environment.Implemented modules for authentication, subscription plans, user profiles, join waitlist for trading bots, and more.Managed containerized deployment with Docker and coordinated team workflow using Git and project tools.<i>Documentation and live deployment link available on request.</i>	Vue.js, Spring Boot, PostgreSQL, Docker
Dental Alumni Backend <ul style="list-style-type: none">Developed a lightweight backend using NestJS for managing alumni registrations and connections.Implemented RESTful APIs for handling alumni profiles, departments, and graduation year groups.Integrated PostgreSQL with TypeORM for efficient data persistence.<i>Documentation available on request.</i>	NestJS, TypeScript, PostgreSQL

CERTIFICATIONS

<ul style="list-style-type: none">Certified Email Marketer by Hubspot Academy

PROFESSIONAL SUMMARY

<p>Versatile and result-driven Software Engineer and IT Support Specialist with over 5 years of combined experience in backend development, frontend engineering, DevOps, and IT infrastructure support. Adept at building and maintaining robust, scalable systems, with strong expertise in full-stack development and deployment.</p> <ul style="list-style-type: none">Backend Development: Expert in Java, Spring Boot, RESTful API design, and microservices-based systems.Frontend Development: Experience with modern frameworks like Vue.js, React, and Flutter.DevOps & Deployment: Proficient in CI/CD pipelines, Docker, Kubernetes, and cloud services.Database Management: Skilled in PostgreSQL, MySQL, and MongoDB.IT Support: Delivering technical assistance, systems administration, and helpdesk support in enterprise environments.Project Leadership: Acting as Project Manager on key initiatives, coordinating frontend, backend, and DevOps.SQL Development: Creating automated trading systems and custom indicators. <p>Passionate about innovation, continuous learning, and collaborating with cross-functional teams to deliver secure, maintainable, and high-performance solutions.</p>
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