

Faruk Ajibade

SOFTWARE ENGINEER | AI ENGINEER

<https://www.linkedin.com/in/farukajibade/> | ajibadefarukyoungprof02@gmail.com

| <https://github.com/1FarukDev>

PROFESSIONAL SUMMARY

Fast-learning Data Science student at the Federal University of Agriculture, Abeokuta, with a strong problem-solving mindset and the ability to collaborate effectively in dynamic team environments.

SKILLS

Front End: HTML5 | CSS3 | JavaScript | Typescript | React.js | Next.js

Database: MySQL | MongoDB (NoSQL) | PostgreSQL

Backend: Node.js | Nest.js | Python | Fast API | Supabase

Tools: Git | Github | Figma | Notion

EDUCATION

Federal University of Agriculture, Abeokuta

BSc Data Science

2027

- Relevant Coursework: Software Engineering, Web and Internet Technologies, Python and R Programming, Algorithms and Data Structures, Systems Design and Security, Data-Driven Computing

WORK EXPERIENCE

Technique Learning Solutions

Software Engineer | Ai Engineer

09/2025 - Current (Remote, UK)

EdTech Platform for PLC, Automation & AC Repair Training

Technologies: Python, NeXTJS, *TypeScript* & *PostgreSQL*

- Developed a **two-sided RAG-powered chatbot** to handle company inquiries and seamlessly escalate users to live agents on request, **eliminating reliance on third-party subscriptions** and increasing **direct customer communication by 40%**.
- **Redesigned and rebuilt the company website**, improving performance, usability, and SEO, while creating additional **high-converting marketing pages** to support user acquisition.
- Developed a **token-based referral system** that incentivized existing users to invite new learners, driving organic growth and enabling users to redeem rewards for training registrations.

SwiftBuddy

Software Engineer

10/2024 - 12/2025(Remote, Nigeria)

Fintech Startup

Technologies: *ReactNative*, *Expo*, *ExpressJs*, *NodeJs*, *TypeScript* & *MySQL*

- Developed the money transfer flow end-to-end on mobile, building intuitive React Native screens that allowed users to send and receive funds seamlessly, reducing transaction drop-offs by 25%.
- Built the bill payments feature UI, enabling users to pay utility and service bills directly within the app, contributing to a 30% increase in active users on the platform.
- Engineered the contact-based money request feature, allowing users to request payments from their contacts in-app — similar to CashApp's request flow — improving peer-to-peer engagement and retention.
- Implemented Role-Based Access Control (RBAC) to secure financial workflows across admin and standard user accounts, reducing unauthorized access incidents by 90%.
- Optimised API integration for real-time transaction processing, cutting response times by ~20% and ensuring a fast, reliable payment experience in production
- Applied Test-Driven Development (TDD) across core payment and billing features, reaching 80%+ test coverage and reducing post-release defects by 35%.

Insync Health

Software Engineer (Intern)

01/2025 - 12/2025(Remote, Nigeria)

HealthTech startup that focuses on therapy and therapist

Technologies: *ReactNative*, *Expo*, *ExpressJs*, *NodeJs*, *TypeScript* & *MySQL*

- Improved UI consistency and navigation flow by building and refining new React-based screens, contributing to a 25% reduction in user navigation drop-offs and improved overall usability.
- Designed, developed, and deployed backend features using RESTful APIs, expanding platform functionality and supporting a 30% increase in active users.
- Implemented Role-Based Access Control (RBAC) for admin and staff users, strengthening authorization logic and reducing unauthorized access incidents by 90%.

- Optimized backend services through refactoring and bug fixes, reducing API response times by ~20% and improving application reliability in production.
- Applied Test-Driven Development (TDD) practices, writing unit and integration tests that increased test coverage to 80%+ and reduced post-release defects by 35%.

PROJECTS

[Afinju](#)

Frontend Developer

05/2025 - 12/2025

Marketplace platform connecting African artists with global collectors

Technologies: *Nextjs, TailwindCss, Shadcn*

- Co-developed **Afinju**, a multi-sided marketplace enabling African artists to showcase and sell artwork while allowing collectors to discover and purchase curated pieces.
- Built a **multi-view web application** (Collector, Artist CMS, and Admin dashboards), delivering tailored user experiences and streamlined content management.
- Developed the frontend using **Next.js (React), HTML5, CSS3, and TypeScript**, ensuring **responsive, accessible, and mobile-first** interfaces.
- Implemented **dynamic routing, server-side rendering (SSR), and API integrations**, improving page load times and SEO visibility by ~30%.
- Optimized frontend performance through **code-splitting, lazy loading, and image optimization**, reducing initial page load time by **25%**.
- Ensured cross-browser compatibility and accessibility best practices (ARIA, semantic HTML), improving usability across devices and screen sizes.

[JH Textiles](#)

Software Developer

05/2025 - 12/2025

Technologies: *Next.js, TypeScript, TailwindCSS, Supabase*

- Built a full-stack **e-commerce** platform for **JH Textiles**, a Nigerian surface pattern design studio, enabling artists to sell production-ready textile prints to fashion brands and interior designers globally.
- Architected the backend using Supabase — handling database management, authentication, file storage for high-resolution print assets, and real-time data across the storefront and admin flows.
- Developed a dynamic shop with collection filtering (abstract, floral, geometric, minimalist) and new arrivals, backed by Supabase queries for fast, scalable product management.
- Implemented a consultation booking and contact flow with Supabase-powered form submissions, helping the studio convert site visitors into commission clients.
- Delivered a responsive, visually rich frontend using Next.js and TailwindCSS, with SSR and dynamic routing improving SEO visibility and page performance for a global audience.

[Vaultless](#)

Software Developer

04/2026

Personal Project

Technologies: *Next.js, TypeScript, TailwindCSS, Shadcn UI, Framer Motion*

- Built Vaultless, a developer security tool that connects to GitHub repositories, automatically detects exposed environment variables and secrets, and commits cleaned files back — reducing the risk of credential leaks in production.
- Developed two usage modes — a web app with GitHub OAuth and a CLI tool published to npm — giving engineering teams flexible options to integrate secret scanning into their workflow.
- Implemented GitHub OAuth authentication and a stateless architecture with no data storage, ensuring a secure and privacy-respecting user experience.
- Built file-level detection across **.env**, YAML, JSON, and TOML files, with detailed reports that surface exactly where secrets are exposed before they can be exploited.
- Delivered a responsive, accessible frontend using Next.js and TailwindCSS, with a guided workflow UI that makes the scanning and cleanup process seamless for non-CLI users..