

# FABUNMI OLUWATOSIN GEORGE

## Software Engineer (Fullstack)

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## SUMMARY

Software Engineer with 5+ years of experience building scalable web and mobile platforms across FinTech, HealthTech, Real Estate, and Education. Strong in system design, frontend architecture, and cross-functional leadership, with hands-on experience integrating payments, AI-driven workflows, cloud services, and secure admin systems. Proven ability to lead multi-disciplinary teams and ship production-grade systems under real-world constraints.

## CORE SKILLS

- **Languages:** JavaScript, TypeScript
- **Frameworks & Libraries:** React, Next.js, Node.js, Flutter, React Native, Tailwind CSS, Framer Motion, Zustand, React Query, Express
- **Developer Tools & Methodologies:** Proficient in System Design and Modular Architecture, API Design (REST), OAuth/IAM Implementation, Paystack (Automated Transaction Flows), Cloudinary, Resend, Version Control (Git), Static Analysis Tooling, Agile/Scrum Methodology, Technical Leadership (Leading teams of 15+ members), SDLC and Code Quality Governance

## PROFESSIONAL EXPERIENCE

### Software Engineer (Full-Stack)

NEWOMCII | Sep 2025 – Nov 2025

**Stack:** Next.js, TypeScript, Node.js, PostgreSQL

- Led the development and deployment of a full-stack web platform including a modern landing page and admin dashboard.
- Designed and implemented backend APIs to handle authentication, structured data storage, and core business logic.
- Integrated AI-driven outputs to power real-time exam monitoring, analytics, and visualization features.
- Optimized frontend performance, SEO, and load times using Next.js SSR and SSG strategies.
- Established a clean, scalable architecture that improved maintainability and supported future feature expansion.
- Collaborated closely with product and non-technical stakeholders to align technical execution with organizational goals.

### Software Engineer (Web)

NACOS | Nov 2025 – Jan 2025

**Stack:** Next.js, TypeScript

- Designed, developed, and deployed a responsive dashboard and landing page with a focus on usability and performance.

- Integrated AI model outputs to visualize real-time exam monitoring data in an intuitive, user-friendly interface.
- Built scalable and maintainable frontend architecture to support long-term growth.
- Improved application performance and SEO through effective use of Next.js SSR and SSG.
- Worked cross-functionally to translate product requirements into reliable technical solutions.

## Software Engineer (Mobile)

PayMetro | Aug 2025 - Dec 2025

**Stack:** Flutter

- Designed and implemented the mobile UI for a cross-platform multi-currency payment application.
- Focused on intuitive user experience and responsive layouts for both iOS and Android devices.
- Collaborated with backend engineers to ensure UI aligned with API workflows and payment logic.
- Delivered a polished, production-ready frontend that streamlined payments across different currencies.

## Software Engineer (Mobile)

JM Rubinus Limited | Jan 2023 - Mar 2024

Rubi Logistics

**Stack:** React Native, TypeScript

- Contributed to the development of a logistics mobile application focused on efficiency and smooth user experience.
- Built reusable UI components to improve maintainability and reduce development time.
- Integrated mobile frontend with backend services to ensure reliable data flow and feature delivery.

## Kara Shopping

**Stack:** React Native, TypeScript

- Solely built and maintained a cross-platform marketplace for buying and selling local food items.
- Implemented logistics features enabling users to register as delivery partners.
- Owned the full application lifecycle from development to deployment and ongoing maintenance.

## Rubi Moni

**Stack:** React Native, TypeScript

- Managed and maintained the codebase of a financial lending application.
- Implemented updates and enhancements to improve performance, stability, and reliability.
- Ensured secure handling of sensitive user and financial data.

## Software Engineer (Web)

Koya Ka Iya (KOYAKAIYA) | Aug 2023 - Dec 2023

**Stack:** React.js, TypeScript, Tailwind CSS

- Took ownership of an existing production codebase, improving structure and maintainability.
- Implemented feature enhancements and refactors to improve functionality and reliability.
- Leveraged TypeScript to enforce type safety and reduce runtime errors.

## Software Engineer (Mobile)

### MAKKS

**Stack:** React Native, TypeScript, Node.js, PostgreSQL

- Led the development of a cross-platform translation application for iOS and Android.
- Designed and implemented backend services using Node.js and PostgreSQL for efficient data management.
- Delivered a seamless end-to-end user experience across mobile platforms.

## Software Engineer (Mobile)

**SWIFFTRA Limited** | *May 2022 – Dec 2022*

**Stack:** Flutter, Firebase

- Developed a cross-platform transportation application for Android and iOS.
- Integrated Firebase authentication and real-time database for secure login and live data synchronization.
- Implemented geolocation and real-time tracking features for drivers and passengers.
- Built in-app communication features to enhance coordination and user experience.

## KEY PROJECTS

### Largence – AI-Powered Legal Document Platform for Enterprise

**Stack:** Next.js, TypeScript, Node.js, PostgreSQL, Prisma ORM, Stripe, Clerk, Turborepo

Developed an enterprise-grade legal platform, utilizing artificial intelligence to generate legally compliant and jurisdiction-specific documents with high efficiency.

- Designed and implemented a scalable monorepo architecture, which incorporates a comprehensive marketing website and a highly interactive core web application.
- Engineered an agentic compliance engine employing autonomous AI to automatically detect and remediate non-compliant clauses against regulatory frameworks such as GDPR and NDPR.
- Constructed a collaborative document editor featuring real-time rich text editing capabilities, role-based access control mechanisms, and comprehensive audit trails for regulatory compliance.
- Established a secure, team-based workspace system facilitating seamless organizational management, streamlined team invitation processes, and centralized billing infrastructure.
- Integrated an automated subscription billing system via Stripe, offering support for multiple pricing tiers and limitations based on usage.
- Developed robust API routes enabling dynamic document generation, automated compliance correction, and real-time dissemination of team notifications.
- Prioritized a premium user experience through the provision of real-time editing functionality, export capabilities to PDF and Word formats, and an intuitive, modern dashboard interface.

## DotArc – Secure Runtime Secrets Management Platform

Stack: Node.js, TypeScript, Next.js, PostgreSQL, CLI Tooling

Built a zero-trust runtime platform that eliminates .env files by injecting secrets directly into application memory at runtime.

- Designed and developed a CLI + web platform for secure secrets management across local development environments
- Implemented in-memory secret injection, ensuring sensitive data never touches disk
- Built a token-based access system with short-lived credentials to prevent secret leakage and reuse
- Engineered real-time log interception and redaction, preventing accidental exposure of secrets during development
- Developed team-based workspace system enabling secure collaboration without sharing raw secrets
- Designed a secure API layer for secret delivery, rotation, and access auditing
- Built a modern dashboard for managing projects, environments, and secret activity
- Focused on developer experience, allowing seamless integration with existing workflows (npm, yarn, etc.)

## Loom – Intelligent Mobile Marketplace for Artisans

React Native, Node.js, TypeScript, PostgreSQL

A localized digital marketplace designed to bridge the gap between clients and skilled artisans, improving accessibility, visibility, and economic opportunities in Nigeria's informal sector.

- Designed and developed a mobile-first marketplace platform connecting clients with verified local artisans through intelligent service discovery and matching.
- Architected a scalable RESTful API using Node.js and TypeScript, handling authentication, job lifecycle management, artisan onboarding, and secure transaction workflows.
- Modeled and optimized a relational PostgreSQL database schema to support complex marketplace interactions, including service listings, job requests, ratings, availability scheduling, and user relationships.
- Built a cross-platform React Native application with advanced UI state management, enabling seamless job booking, artisan discovery, and real-time request tracking.
- Implemented role-based access control (RBAC) across clients, artisans, and administrators, enforcing secure permission boundaries and data isolation.
- Developed administrative tools for artisan verification, platform moderation, dispute handling, and revenue monitoring.

## Dextr - UI Component Library

Next.JS, TypeScript

- Building a reusable **UI component platform** showcasing design systems for web and mobile apps.
- Includes component previews, documentation, and future community contributions.
- Focused on scalability, consistency, and developer experience.

## **DOMA - Trust-First Real Estate Platform**

Next.js, Node.js, TypeScript, PostgreSQL

A scalable, Airbnb-style real estate marketplace focused on verified property discovery, secure transactions, and trust-driven user experiences.

- Engineered a high-performance frontend using Next.js, optimizing rendering, navigation, and animations for seamless user interactions across devices.
- Designed and implemented core marketplace architecture supporting property listings, advanced filtering, and user dashboards for renters and property owners.
- Architected a backend system with Node.js, TypeScript, and PostgreSQL, modeling complex entities such as listings, bookings, and transactions.
- Built foundations for secure booking and escrow-based payment flows, enabling reliable and traceable property transactions.
- Improved user experience through performance optimizations, skeleton loading states, and responsive UI patterns, reducing perceived load times.
- Developed structured role-based flows for users, property owners, and estate managers, supporting scalable platform growth.

## **Rednet – Blood Supply Chain Infrastructure Platform (In Progress)**

Next.js, Node.js, TypeScript, PostgreSQL

Building a centralized, real-time platform to modernize and coordinate blood inventory and inter-hospital transfers, improving accessibility, traceability, and emergency response efficiency across healthcare systems.

- Designing a scalable system architecture for real-time blood inventory tracking across multiple healthcare facilities
- Implementing a location-aware blood discovery system with filtering by type, availability, and proximity
- Developing a secure inter-facility request and approval workflow for efficient blood transfer coordination
- Architecting role-based access control (RBAC) and audit logging to ensure compliance, security, and traceability
- Building RESTful APIs and database schemas to handle inventory, requests, transfers, and notifications
- Optimizing UX for emergency scenarios, enabling rapid search and request flows with minimal interaction steps

## **EDUCATION**

### **B.Sc. (In Progress)**

Veritas University Abuja, Nigeria