





Michael Ikechukwu

Senior Full-Stack & Mobile Engineer Flutter • Next.js • NestJS • TypeScript


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Summary

Senior Full-Stack & Mobile Engineer with 6+ years of experience building scalable web and mobile applications using Flutter, Next.js, NestJS and TypeScript.

Specialized in designing production-grade systems including AI-powered platforms, NFC ecosystems, fintech products and digital commerce applications.

Experienced in system architecture, migrating legacy Node.js systems to NestJS, and scaling modern full-stack applications used by real users.

Currently building TapOnDaGo - a smart NFC networking ecosystem combining AI follow-ups, digital business cards, QR networking and physical NFC cards.

SKILLS

CORE TECHNOLOGIES

TypeScript, JavaScript, Flutter, Next.js, NestJS, React, Node.js

FRONTEND

Next.js, React, Zustand, Redux, Tailwind CSS, Chakra UI

DATABASES

MongoDB, MySQL, PostgreSQL

MOBILE

Flutter, React Native

BACKEND

Node.js, NestJS, Express.js, MongoDB, PostgreSQL, MySQL

TOOLS & METHODOLOGIES

Git/GitHub, APIs (REST), Agile, Scrum, Figma, Canva

EXPERIENCE

03/2025 – Present
Slovenia

Pinnacle Flow Strategies, Slovenia, Senior Full-Stack Engineer

Architected and built TapOnDaGo, a modern NFC-powered networking platform combining digital contact exchange, AI-driven follow-ups, and customizable NFC business cards.

Developed cross-platform mobile application using Flutter and backend APIs using NestJS and MongoDB.

Implemented advanced networking features including two-way contact handshake, automated follow-up reminders, and smart contact management.

Integrated AI services that generate follow-up emails and assist users with meeting scheduling through Google Calendar integration.

Designed a digital card creation system allowing users to design custom NFC-enabled networking cards or choose from platform templates.

Built a commerce flow enabling users to order physical NFC cards, process payments, and manage shipping requests.

Implemented a pay-as-you-go credit system allowing users to top up credits for premium actions within the platform.

Created a dynamic web profile system where NFC tags resolve to user profiles even when the mobile application is not installed.

- Designed a full NFC networking ecosystem supporting digital cards, QR networking, and physical NFC business cards.
- Built a two-way contact handshake system enabling mutual contact exchange between users through NFC taps.
- Implemented AI-powered features that automatically generate follow-up emails and meeting scheduling suggestions.
- Developed a card design module allowing users to design custom complimentary cards inside the mobile app.
- Built a pay-as-you-go credit system enabling users to purchase, manage and spend credits for NFC services and card orders.
- Integrated payment processing for card purchases and platform credits.
- Implemented QR-based networking for contact exchange when NFC is unavailable.

Tech: Flutter, NestJS, TypeScript, MongoDB, Next.js, Stripe API, AI APIs

05/2025

Jos, Nigeria - Present

African Intelligence, *Senior Full-Stack Engineer*.

Leading the modernization of an AI-powered learning management system.

Rebuilt the backend architecture from a legacy Node.js/Express system to a scalable NestJS architecture.

Designed modular backend services improving maintainability, scalability, and code organization.

Rebuilding the entire frontend with a modern glassmorphic cyber-aesthetic design system.

Implementing AI-driven onboarding that personalizes course generation and learning paths.

Migrating the entire codebase from JavaScript to TypeScript to improve stability and developer productivity.

Refactoring legacy features and fixing systemic bugs across the platform.

Tech: NestJS, Node.js, TypeScript, Next.js, React, AI APIs

03/2025 – Present

Slovenia

BabayagaChop2Go, *Full-Stack Engineer*

Designed and developed a full digital restaurant ecosystem for a fast-food brand in Slovenia.

Built POS systems, self-service ordering interfaces, and customer mobile ordering flows.

Integrated Stripe payments for secure transactions and order processing.

Connected delivery logistics with the Wolt API for real-time delivery management.

Developed admin dashboards for order tracking, product management, and business operations.

Delivered a scalable architecture connecting mobile apps, web systems, and backend services.

Tech: Flutter, Next.js, NestJS, Stripe API

04/2024 – Present

Jos, Nigeria

ScoutSity, Jos, Nigeria, *Frontend Lead*

Leading frontend development for a social event discovery and community platform.

Architecting scalable UI systems using Next.js and TypeScript.

Developed reusable component architecture using TailwindCSS.

Implemented state management using Zustand for predictable application behavior.

Collaborating with backend and mobile teams as the platform prepares for launch.

Tech: Next.js, TypeScript, TailwindCSS, Zustand

04/2023 – 05/2025

USA

CargoExtra, USA, *Full-stack Developer*

Built logistics software using Next.js and Node.js. Developed shipment tracking tools and operational dashboards.

02/2023 – 23/04/2023

Lagos Nigeria

WeCollect.tech, Lagos Nigeria, *Frontend Developer*

Built responsive UI components using React and Chakra UI.

Collaborated with backend teams to integrate APIs and deliver data-driven dashboards.

Tech: React, Chakra UI

10/2022 – 02/2023 United Kingdom	Scott-Coates-Org, United Kingdom, Intern Software Engineering Intern Contributed to development of a job board platform using React and Firebase.
08/2017 – 02/2018 Jos, Plateau State	University of Jos' ICT (CIS), Jos, Plateau State, Intern ICT Intern Supported internal systems and assisted in development tasks during university placement.
09/2022 – Present Copenhagen Denmark	Teamway, Copenhagen Denmark, Full-Stack developer A Staffing agency. Application Engineer: Placed as a full-stack engineer for Teamway's clients, leveraging my expertise in JavaScript and its frameworks.
06/2021 – 10/2022 Jos Plateau	AspireUnivas, No.2 Dibizang rd. Jos Plateau, Full-stack Software Developer Carried out day-to-day duties accurately and efficiently by completing software-development-tasks as given by project managers if I was not the one leading the team. PHP - Laravel was the technology for the backend and React.Js for the frontend components and API integration. It was my first experience working with a team and my first proper software development job.

SOFTWARE PROJECTS

TapOnDaGo – NFC Networking Platform

Smart NFC networking platform enabling users to share digital profiles, contacts, and social links through NFC tags and QR codes.

Includes AI-powered email generation, follow-up reminders, custom NFC card design tools, and a pay-as-you-go credit system.

Built using Flutter, NestJS, MongoDB, and Next.js.

Babayaga Chop2Go

Complete digital restaurant ecosystem including POS systems, customer ordering flows, and delivery logistics integration.

Integrated Stripe payments and Wolt delivery services.

Built full-stack architecture supporting real-time order management.

African Intelligence - AI Learning Platform

Contributing to a modern AI-powered learning management system capable of generating courses and personalizing learning paths.

Leading frontend rebuild and backend modernization using NestJS and TypeScript.

ScoutSity Platform


Social platform enabling users to discover events and connect with communities.

Leading frontend architecture and scalable UI development.

EDUCATION

04/2014 – 10/2019 Jos, Plateau State	BSc. Computer Science, University of Jos
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Links

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LinkedIn: linkedin.com/in/ikechukwu-michael-577970208 