

# AYODEJI IDOWU

Frontend Architect · Fintech Infrastructure · AI-Integrated Engineering

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## PROFESSIONAL SUMMARY

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Frontend Architect with 8+ years building mission-critical fintech infrastructure at scale — from Flutterwave's currency exchange platform (50K+ users in Q1) to micro-frontend systems serving enterprise banking clients across Africa and the Middle East. Expert in React/Next.js architecture, performance engineering, and AI-integrated product development. Experienced leading cross-functional engineering teams in regulated, high-stakes payment and core banking environments. Comfortable working asynchronously with distributed teams across multiple time zones.

## EXPERIENCE

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### Frontend Engineering Lead | Bazara Technologies *Apr 2024 – Present*

- ▶ Led frontend architecture and delivery for Manovar — an enterprise banking suite (Core Banking, ITSM, Trade Finance) serving clients across the Middle East and Africa.
- ▶ Architected a micro-frontend system using Module Federation and Turborepo, enabling independent deployment across multiple enterprise product verticals.
- ▶ Spearheaded frontend delivery for SeaBaas core banking modules: Loan Credit Factory, Loan Management, and Trade Finance — enabling composable banking workflows across financial institutions.
- ▶ Built reusable UI systems and component libraries using Storybook, adopted across all Bazara product lines.
- ▶ Grew and mentored a frontend engineering team; drove CI/CD adoption via GitHub Actions and maintained 90%+ test coverage across production modules.
- ▶ Collaborated with backend teams on REST API design and integration across Node.js/NestJS services and Postgres data layers.

### Senior Frontend Engineer | Flutterwave Technology Solutions *May 2021 – Mar 2025*

- ▶ Built Swap by Flutterwave — a licensed FX exchange platform serving 50K+ users in its first quarter, integrated with Kadavra BDC and Wema Bank for regulatory compliance.
- ▶ Engineered Flutterwave for Business Dashboard modules (Onboarding, Compliance, Analytics) in Nuxt.js; drove a 40% improvement in merchant sign-ups and 35% increase in compliance completion rates.
- ▶ Reduced API-driven load times by 25% through performance optimisation, lazy loading, and caching strategies.
- ▶ Built component libraries reused across multiple Flutterwave products, serving 500K+ daily payment transactions.
- ▶ Collaborated with backend, design, and compliance teams to deliver secure, high-performing fintech applications under tight regulatory constraints.

### Software Developer | Guaranty Trust Holding Company (GTCO) *Feb 2018 – Apr 2021*

- ▶ Built workflow automation applications in ProcessMaker integrated with PL/SQL, MSSQL, and MySQL, reducing manual banking operations by 60%.
- ▶ Delivered loan processing, onboarding, and approval systems handling high transaction volumes across internal bank departments.
- ▶ Built and maintained REST API integrations for inter-department platforms; led BPM migration from v2 to v3 with zero downtime.
- ▶ Gained deep domain knowledge in regulated banking operations, compliance workflows, and enterprise system design.

### Frontend Designer & Instructor | Oceandigits Technology *Jul 2017 – Oct 2017*

- ▶ Developed responsive web interfaces and trained 50+ students in frontend engineering best practices.

## SELECTED PROJECTS

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<b>SeaBaas</b>	Core banking frontend: Loan Credit Factory, Trade Finance, and Loan Management modules powering financial institutions across Africa.	<i>Next.js · React · MFE</i>
<b>Manovar Engage</b>	Enterprise corporate banking dashboards, bulk-payment interfaces, and multi-level approval workflows.	<i>Next.js · TypeScript</i>
<b>Manovar Connect</b>	ITSM platform with incident, change, and request modules; BPMN workflow engine and AI-assisted triage.	<i>React · NestJS · BPMN</i>
<b>Swap by Flutterwave</b>	Licensed FX platform with real-time exchange rates, regulatory compliance flows, and multi-currency conversion.	<i>React · TypeScript</i>
<b>AI Interview Coach</b>	RAG-powered mock interview app with Claude API integration, vector embeddings, per-question attempt tracking, and performance dashboard.	<i>Next.js · Prisma · RAG</i>

## SKILLS

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<b>Languages</b>	JavaScript (ES6+), TypeScript, SQL, PHP
<b>Frameworks</b>	React, Next.js, Vue.js, Nuxt.js, Node.js, NestJS, Express
<b>UI / Styling</b>	Tailwind CSS, Shadcn/UI, SCSS, Storybook, Figma Integration
<b>Architecture</b>	Micro-frontends, Module Federation, Monorepos (Turborepo), REST API Design, RAG Pipelines
<b>Data / Backend</b>	PostgreSQL, MongoDB, MSSQL, MySQL, Prisma ORM
<b>AI Integration</b>	Claude API, LLM Prompt Engineering, RAG Architecture, Vector Embeddings
<b>Cloud / DevOps</b>	AWS, Vercel, Firebase, Docker, GitHub Actions (CI/CD), Vite, Webpack
<b>Practices</b>	Agile / Scrum, Performance Optimisation, Code Review, Jest / Cypress Testing, Technical Mentorship

## EDUCATION

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**B.Sc. Computer Science** · University of Ilorin *Nov 2014*

## ADDITIONAL

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**Work Availability:** Open to remote full-time and contract engagements. Experienced working asynchronously with distributed teams across Africa, the Middle East, and Europe.

**Entrepreneurship:** Co-founder and CTO of Bloom by Numi — a botanical hair and wellness brand in Lagos. Built AI-powered operations tooling (WhatsApp order parser, automated sales tracker) using the Claude API.