OLATOYESE FARUQ

Frontend Software Engineer

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SUMMARY

Frontend Software Engineer who owns architecture end-to-end across fintech, Web3, and AI-driven products from authentication and real-time data layers to the interfaces that ship them. Specialized in React, Next.js, and TypeScript, with the full-stack range to design the APIs a frontend depends on rather than just consuming them. Track record of replacing manual, error-prone processes with reliable production systems, from KYC verification to on-chain payment flows.

PROFESSIONAL EXPERIENCE

Frontend Software Engineer *January 2026 – Present*

Hepdex — Lagos, Remote

- Developed frontend architecture end-to-end for two live fintech products, Abuja Loans and Lagos Loans, delivering a dual-portal system with independent customer and admin experiences, role-based authentication, and protected routing across User, Admin, and Manager roles.
- Cut identity-verification turnaround from days to minutes by architecting a multi-step loan application wizard with dynamic collateral capture, real-time Paystack bank verification, and government ID uploads in a single guided flow.
- Replaced manual spreadsheet tracking with a full loan lifecycle system spanning admin approvals, term adjustments, and a timestamped audit trail across a two-tier admin hierarchy, paired with a live portfolio analytics dashboard.
- Standardized data-fetching across both platforms with a centralized TanStack Query layer and shared API client abstraction, eliminating duplicate logic across a dozen-plus custom hooks and a 30+ endpoint API contract.

Frontend Software Engineer *January 2025 – August 2025*

Magent — Lagos, Remote

- Engineered a Web3 pay-per-result advertising marketplace on Solana, building on-chain USDC SPL token transfer and escrow logic with automated transaction confirmation via web3.js RPC, enabling performance-based campaign funding for advertisers and publishers.
- Reduced marketing asset creation time by 70% by integrating generative AI content workflows with a secure OAuth 2.0 PKCE flow, enabling automated content generation and direct cross-platform publishing to X/Twitter and LinkedIn.
- Delivered a multimodal AI voice research assistant combining Web Audio API voice-activity detection with real-time Whisper transcription, giving marketers live, spoken-language access to market and competitor analysis.

Frontend Developer Intern *June 2024 – August 2024*

HNG Tech — Remote

- Delivered the podcast and audio summarization pipeline for an AI media SaaS platform, replacing manual review with real-time transcription and structured executive summaries generated from uploaded audio files.
- Removed manual status polling by architecting a Server-Sent Events streaming layer that surfaced live transcription progress directly in the UI, built on a Next.js and TypeScript frontend.

SELECTED PROJECTS

RequestLens | *Full-Stack API Observability Platform*

Next.js • Socket.IO • Express • Prisma • Redis • BullMQ

- Gave API teams visibility they'd otherwise lack with a self-serve dashboard rendering real-time Socket.IO log streams and traffic/latency charts, backed by a self-built Express/Prisma API.
- Cut new-user onboarding to minutes with auto-generated SDK integration snippets and a typed API client layer, while an async BullMQ/Redis pipeline offloaded alerting without slowing live traffic.

Qure | *Intelligent Hospital Appointment & Queue Management System*

Next.js • Express • PostgreSQL • Prisma

- Replaced manual front-desk queue tracking with a live position tracker across three role-based dashboards (patient, doctor, admin), auto-refreshing every 10 seconds.
- Removed unfair doctor assignment and inconsistent wait times with a self-built rule-based assignment engine and a gap-free queue backend wrapped in atomic Prisma transactions.

EDUCATION

Bachelor of Technology (B.Tech), Computer Science *Graduated: July 2026*

Ladoke Akintola University of Technology, Ogbomoso, Oyo State — Second Class Upper (2:1)

CERTIFICATIONS

- Complete Node.js Developer (GraphQL, MongoDB & More) — Udemy, September 2025
- Complete React Developer (Redux, Hooks, GraphQL) — Udemy, January 2025

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, Tailwind CSS, TanStack Query, Redux, Framer Motion, Shadcn/Radix UI, Recharts, React Testing Library

Backend & Full-Stack: Node.js, Express.js, PostgreSQL, Prisma ORM, REST APIs, JWT/OAuth 2.0, Socket.IO, Server-Sent Events, Redis, BullMQ, Solana Web3.js

Languages: TypeScript, JavaScript, Python, SQL

Developer Tools: Git, GitHub, GitHub Actions, Jest, Postman, Vercel, Render, Figma, CI/CD, Unit Testing, Integration Testing