OLUWATENIOLA JOHN OGUNYEMI

📍 Lagos, Nigeria | ✉ wonuolateni28@gmail.com | ☎ 08150925978

🔗 LinkedIn | GitHub

Front-end Developer

Creative and results-driven Front-end Developer & AI Automation Specialist with strong expertise in React, Next.js, Tailwind CSS, and hands-on experience building AI-powered tools and chatbots. Skilled in designing responsive UIs, integrating APIs, and implementing intelligent workflows with OpenAI, Botpress, and n8n. Passionate about leveraging modern web technologies and AI automation to deliver scalable solutions that solve real-world problems.

EDUCATION

Bachelor of Science, Information Technology (Expected 2025)
Pentecost University | Accra, Ghana | Currently 400 Level

PROFESSIONAL EXPERIENCE

Front-end Intern
Insight-Velocitee | Lagos, Nigeria | 02/2024 – 05/2024

- Built and maintained Next.js applications with reusable front-end architecture, improving development speed and consistency.
- Translated Figma designs into responsive, pixel-perfect web pages, enhancing user experience and accessibility.
- Optimized projects for full mobile responsiveness, increasing user engagement across devices.
- Collaborated with team members via Git/GitHub version control and tracked tasks with Jira, ensuring efficient workflows and delivery timelines.

Front-end Intern
Insight-Velocitee | Lagos, Nigeria | 02/2023 – 03/2023

- Developed responsive web interfaces using React and Tailwind CSS, applying modern front-end best practices.
- Completed intensive hands-on training with senior developers, deepening knowledge **in** state management, API integration, and component-driven design**.**
- Practiced collaborative development workflows using **Git**, building confidence in real-world software delivery processes.

Skills & Abilities

- Frontend Development: HTML, CSS, JavaScript, React, Next.js, Tailwind CSS, Redux

- AI & Automation: OpenAI GPT-4, Botpress, n8n, LangChain, ElevenLabs, Voice AI Agents, Botpress, Make.com, Zapier

- Integrations & APIs: REST APIs, Webhooks, Stripe, Supabase, Calendly API
- Databases & Storage: Pinecone Vector Database, Google Sheets, Airtable, MongoDB

- Tools & Platforms: Google Workspace, Gmail, Notion, Slack, Midjourney, ChatGPT, Lovable, Bolt, Cursor

- Collaboration Tools: Git/GitHub, Jira, Notion, Google Workspace

SELECTED PROJECTS & HIGHLIGHTS

RecipeHub – Full-Stack Recipe Sharing Platform
Technologies: Next.js, Tailwind CSS, Supabase, Cursor, Bolt AI, Typescript

- Designed and implemented a secure recipe-sharing application with Supabase Auth + RLS policies, preventing unauthorized logins and enforcing strict user-level access.
- Engineered automatic user profile creation via Supabase triggers, ensuring consistent data integrity between authentication and application database.
- Built a complete CRUD recipe management system with structured JSONB fields for ingredients and step-by-step instructions.
- Integrated Supabase Storage for image uploads with validation (file type, size) and scalable public URLs.
- Developed a multi-layered login flow verifying users in both Supabase Auth and the database, eliminating prior vulnerabilities.
- Added real-time error handling and visual feedback with loading states, styled error messages, and auto sign-out for invalid users.
- Implemented advanced recipe search and filtering (by category, author, and keywords), improving recipe discovery and user experience.
- Enforced data security and compliance through RLS policies, foreign key constraints, and strict access control measures.

AI-Powered Voice Agent for Loan Recovery
Technologies: n8n, 11Labs, Twilio Programmable Voice API, Custom Database

- Engineered an intelligent voice system querying the database every 5 minutes for automated debtor outreach.
- Implemented dynamic voice generation using 11Labs with personalized messaging including debtor names, amounts, and due dates.
- Designed call flow logic with a professional tone, payment incentives, and retry mechanisms for failed calls.
- Automated callback and engagement processes, reducing manual collection efforts by 80%.
- Integrated Twilio's programmable voice API with real-time logging and error handling to ensure reliable call execution.

AI Legal Assistant Platform

Technologies: GPT-4, RAG, Botpress, Supabase, Stripe, Nigerian Legal Document Database

- Developed a GPT-4-powered chatbot capable of answering complex legal questions with direct source citations.
- Integrated Nigerian legal documents covering tenant rights, contract disputes, and employment law into a scalable RAG pipeline.
- Built a trust mechanism linking chatbot answers to actual law codes and official documents for verifiable results.
- Achieved high relevance accuracy for real-world queries, improving user trust and adoption.
- Added subscription plans via Stripe to differentiate Free vs Pro access, with secure authentication through Supabase.

FlagIQ – AI Automation Agency Website
Technologies: Next.js, Tailwind CSS, Googlsheet, n8n, Webhook , API Integrations, Vite

- Served as the Front-end Developer for FlagIQ, an AI Automation Agency, designing and building their official website to showcase services and generate leads.
- Translated Figma designs into a modern, responsive interface with optimized layouts for performance and accessibility.
- Integrated a custom AI chatbot (N8N + OpenAI) directly into the site for real-time client interaction and inquiry handling.
- Developed a lead generation workflow on the contact us form: captured user form data → automated qualification and storage in Googlesheet → triggered appointment scheduling via Calendly API, reducing manual admin work by 50%..
- Enhanced SEO and performance optimization, ensuring smooth cross-browser experience and high Lighthouse scores.