

Timilehin Ogedengbe

Software Developer | AI Automation

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Professional Summary

Creative, passionate and detail-oriented Front End Developer with proven years of experience building modern, responsive web applications using tools like React, Next.js, and TypeScript. I love turning ideas into intuitive digital experiences and enjoy solving real-world problems with clean, scalable code. Lately, I've been exploring the exciting world of AI Agent Automation with CrewAI; integrating smart, collaborative agents into front-end apps to bring a whole new level of interactivity and automation.

Core Skills

Languages & Frameworks: HTML, CSS, JavaScript, TypeScript, Python, React, Next.js, React Native, Node.js

UI Libraries: Tailwind CSS, Chakra UI, Bootstrap, SASS, Material UI, etc

Tools & Platforms: Git, GitHub, NPM, Webpack, Adobe XD, Axios, Figma

AI Technologies: CrewAI, AI Agent Automation, API Integration

CMS: Contentful, Wordpress

Others: Responsive Design, Cross-Browser Compatibility, Performance Optimization, Component Reusability, Debugging.

Professional Experience

Lead Front-End Developer and AI Agent Automation

DesolaTravels — Remote

Feb 2025 – AUGUST 2025

An AI-powered flight booking platform integrating conversational agents for itinerary planning and user support.

- Architected and led development of a scalable, high-performance frontend using React and TypeScript.
- Integrated CrewAI-powered multi-agent workflows to handle user queries and context-aware travel suggestions.
- Built a secure API layer using Axios and middleware for structured communication between UI and AI logic.
- Collaborated with backend and AI teams to align conversational UI behavior with product objectives.

Front-End Developer (Contract)

BlueBlossom (Stanbic IBTC Bank) — Remote

blueblossom.stanbicibtc.com

Sept 2024 – May 2025

A social-fintech platform empowering women through community-driven finance tools.

- Built key user-facing features using Next.js and Tailwind CSS to support financial education and engagement.
- Collaborated with designers to deliver accessible, visually appealing user flows.
- Integrated REST APIs and SDKs for user data, dynamic dashboards, and real-time interactions.
- Ensured inclusivity and responsiveness across devices and diverse user groups.

Front-End Developer

Eswift Properties Mart — Remote

eswiftpropertymart.ng

Aug 2024 – Jan 2025

A real estate platform connecting users with property listings across Nigeria.

- Developed responsive UI with React and CSS, optimized for performance across viewports.
- Engineered modular components and managed clean state architecture.
- Integrated dynamic listings, filters, and submissions via REST APIs using Axios.
- Collaborated with backend developers on API design and frontend integration.
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Front-End Developer

CoverAI — Remote

coverai.co

Jun 2023 – Sept 2023

An AI platform for generating professional cover letters and resumes.

- Contributed to React-based UI for real-time AI content generation workflows.
- Optimized rendering logic to reduce load times and improve interactivity.
- Integrated live data handling with asynchronous operations and user feedback mechanisms.
- Supported early-stage iterations with bug tracking and UI testing.

Front-End Developer (Contract)

Pocketfood — Remote

pocketfood.io

Sept 2023 – Nov 2023

A food delivery platform focused on personalized, health-conscious meal recommendations.

- Built responsive UI using Chakra UI, optimized for mobile and desktop.
- Developed a recommendation engine for meal suggestions based on dietary and order history.
- Created reusable vendor and checkout components to accelerate development.
- Integrated APIs with Axios for real-time orders, tracking, and nutritional filtering.

Projects

AI Agent Automation Demo – CrewAI

Proof-of-concept showcasing CrewAI multi-agent collaboration.

- Developed a system with CrewAI agents for content generation, summarization, and task coordination.
- Integrated LLM agents with frontend UI for intelligent user interactions.

Skillbit – Peer-to-Peer Freelance Platform

skillbit-beta.vercel.app

Hackathon finalist connecting freelancers and clients in the Bitcoin ecosystem.

- Built responsive UI using Chakra UI and React.
- Designed profile listings and messaging features for real-time interaction.

WMTA? (WhoMadeThisArtwork)

beta.whomadethisartwork.com

AI-powered platform to identify creators of artworks.

- Built frontend logic with React and Chakra UI.
- Integrated APIs to enable artwork recognition and metadata display.

Aton – AI-Powered Presentation Practice Tool

aton-pre.vercel.app

Tool for simulating presentation delivery and gathering feedback.

- Translated Figma designs into responsive React components.
- Integrated real-time feedback and voice practice features.

Education

B.Tech **Aquaculture Technology** | Federal University of Technology, Akure

Certifications & Interests

Certifications: AI Automation (Self-guided, CrewAI Projects)

Interests: Sci-Fi, Science, Automobiles, Calisthenics, Astronomy, Sports, Video Games, Technology