

Itwela Ibomu

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EDUCATION

B.S. in Software Engineering

Salt Lake City, UT

Estimated Graduation:

EXPERIENCE

Dope Marketing

Headstarter

Dataforce

J.P. Morgan (Forage)

PROJECTS

Lotus — AI Wellness App

AI-powered React Native app generating articles, images, and audio for wellness content.

Technologies Used: React Native, Replicate, OpenAI, Convex

Jelly Up! — Instant Video Caption Generator

Automated subtitles and burned-in captions with Whisper and OpenCV; judged 2nd place at Headstarter Hiring Hackathon.

Technologies Used: Next.js, Whisper, OpenCV, Docker, FFmpeg

Globetrotter AI — Voice Travel Assistant

Voice-activated travel planner integrating speech recognition and travel APIs.

Technologies Used: Flask, Python, OpenAI, Google TTS, React Three Fiber

CitySwipe — AI Travel Planner

Personalized travel recommendations via LLM + vector search.

Technologies Used: Next.js, LangChain, Pinecone, Supabase

Job Tracker & Analytics Dashboard

Automated job tracking workflow and analytics dashboard.

Technologies Used: Next.js, PostgreSQL, Supabase

RAG — AI "Rate My Professor" Chat App

Real-time RAG chat application using vector search for contextual answers.

Technologies Used: Next.js, TypeScript, Pinecone, OpenAI

SKILLS

Technical: Python, JavaScript, TypeScript, React, Next.js, React Native, Node.js, Ruby on Rails, PostgreSQL, Supabase, Firebase, Docker, Pinecone, LangChain, OpenAI, Convex

Additional: UI/UX Design, Product Development, Agile, Leadership

ADDITIONAL INFORMATION

Languages: English (Native)