

Oluwatobi Salawu

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EDUCATION

South and City College Birmingham

T-Level Digital Production, Design & Development

Birmingham, UK

Sep. '24 – Present

- **Relevant Coursework:** Data Structures, Algorithms, Cybersecurity, Software Development, Computer Networks, Principles of Programming.

EXPERIENCE

Software Engineering Intern

July 2024 – Present

Headstarter

Remote

- Built and deployed 5 AI projects in 5 weeks using React JS, Next.js, Firebase, Clerk, and Vercel, following agile methodologies with weekly sprints and incorporated CI/CD practices for iterative deployment.
- Worked in a team of 3 to develop an interactive customer support agent using Next.js, integrated a custom RAG pipeline using OpenAI that responds based on a company's knowledge base.
- Collaborated with 3 Fellows to build and deploy a SaaS product that generates dynamic flashcards.
- Scaled each web-app to 200+ users, iterated on user feedback to make continuous optimizations.
- Participated in weekly sessions with engineers from Google, Y Combinator, Stanford, Amazon and venture-backed startups.

Junior User Interface Designer

April 2023 – Aug. 2023

Fiilix Academy

Ibadan, NG

- Collaborated with product managers and developers to deliver 4+ design projects on time, resulting in an increase in user satisfaction and a 15% reduction in post-launch issues.
- Designed user interfaces for 4+ web and mobile applications, achieving a 30% increase in user engagement by focusing on usability, accessibility, and responsiveness
- Worked with the latest UI/UX design trends, tools, and techniques and incorporated them into projects.

ACTIVITIES & INVOLVEMENTS

Web Developer (Volunteer)

August 2024 – Present

CompuLearn Foundation

Birmingham, UK

- Accomplished responsive website design as measured by user engagement metrics, by creating a visually appealing and mobile-friendly site.
- Generated 10% more funds as measured by donation and fundraising metrics, by creating and promoting online donation features to increase financial support

PROJECTS

LinguaFlash-AI | *React, NextJs, Clerk, OpenAI* | GitHub Demo

- Collaborated with a team to create an AI-powered tool that generates custom flashcards for over 50 languages.
- Successfully attracted and retained 100+ users within the first month of launch.

Supporty AI-Chatbot | *NextJs, RAG, OpenAI, Firebase, Huggingface* | Preview

- Developed an AI-powered chatbot as measured by its ability which delivered compassionate mental health support, by using Hugging Face embeddings and OpenAI's API
- Improved user experience with advanced AI for more empathetic & effective interactions.

Employer Critique | *RAG, PineCone, TailwindCss, OpenAI, NextJs*

- Implemented a web scraper to extract data from TrustPilot, Indeed, & insert it into a Pinecone index.
- Integrated the data with a RAG pipeline using OpenAI GPT-4 to deliver up-to-date, relevant answers to user queries.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML/CSS.

Frameworks & Tools: Git, GitHub, Figma, Wordpress, Bootstrap, NextJs, Firebase, TailwindCSS.

Other Skills: Communication, Creativity, Teamwork, Problem-Solving, Time management, Critical thinking, Positive attitude, Organization, Adaptability, and Conflict resolution .