

Oluwatobi Salawu

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EDUCATION

South and City College Birmingham

T-Level Digital Production, Design & Development

Birmingham, UK

Sept. 2024 – Present

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

EXPERIENCE

Software Engineering Intern

July 2024 – Sept. 2024

Headstarter

Remote

- Delivered 5 AI projects within 5 weeks using ReactJS, NextJS, Firebase, and Vercel. Applied agile methodologies with weekly sprints and integrated CI/CD practices for continuous 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.
- Structured cutting-edge UI/UX trends and tools, including [specific tools or methods], leading to a 30% increase in user engagement.

ACTIVITIES & INVOLVEMENTS

Web Developer (Volunteer)

August 2024 – Present

CompuLearn Foundation

Birmingham, UK

- Designed and developed a mobile-friendly, responsive website, leading to improved user engagement.
- 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.
- Attracted and retained over 100 users within the first month post-launch, demonstrating the program's effectiveness.

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.
- Enhanced user interactions by integrating advanced AI, leading to more empathetic and effective support.

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

- Created an automated data extraction tool that gathered reviews from TrustPilot and Indeed, storing 5,000+ entries in a Pinecone index, which enhanced the analysis and information for job seekers or employees.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C#.

Frameworks & Tools: Git, GitHub, HTML/CSS, Figma, Wordpress, NextJs, Firebase, TailwindCSS.

Other Skills: Communication, Teamwork, Problem-Solving, Critical Thinking, Time Management, Adaptability.