

EDUCATION

Abuja, Nigeria Nile University of Nigeria November 2020 – July 2024

- B.Sc. Software Engineering.

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Software Architecture and Design; Software Reverse Engineering, Software Configuration and Maintenance, Software Project Management; Software Engineering Security, Software Testing and Quality Assurance.

PROFESSIONAL EXPERIENCE

Headstarter AI New York, United States
July 2024 – September 2024

Software Engineering Fellow

- Developed and deployed 5 AI applications within 5 weeks using React JS, Next.js, Firebase, Clerk, and Vercel, following Agile methodologies, weekly sprints, and CI/CD practices, achieving iterative deployment with 200+ users for each app.
- Led a team of 3 to build a customer support agent using Next.js, integrating a custom RAG pipeline with Google Gemini and Pinecone, increasing response relevance by 60%.
- Collaborated with 3 fellows to create a SaaS platform for dynamic flashcard generation, leveraging Llama 3.1 LLM and AWS Bedrock, and integrating a paywall with Stripe API, resulting in 150 new subscriptions in the first month.
- Engineered a web scraper that automates data extraction from Nile University's Professor Database, integrating it with a RAG pipeline using LangChain and Google Gemini 1.5 Pro, improving the query accuracy by 70%.

Nigerian Communication Commission Abuja Nigeria
User Support Intern July 2023 – September 2023

- Resolved over 100 user queries weekly using advanced troubleshooting techniques, improving customer satisfaction by 40%.
- Analyzed 200+ user feedback entries, leading to 5 significant service improvements implemented by the team.
- Designed and implemented a support ticket system, reducing issue resolution time by 25% and managing over 500 tickets monthly.

Galaxy Backbone Abuja Nigeria
Field Network Engineer Intern July 2022 – September 2022

- Diagnosed and resolved network faults using Huawei eNSP, ensuring optimal performance of network infrastructure, which improved network reliability by 30%.
- Gained hands-on experience in network protocols, routing/switching, and network security, applying this knowledge to troubleshoot complex networking systems.

WithMe Inc. Redwood, CA(Remote)
Beta Tester July 2022 - September 2022

- Tested app's social and gaming features, providing feedback that resulted in a 20% increase in user retention.
- Identified and reported bugs, contributing insights that enhanced app usability and overall user experience by 15%.

PROJECTS

[GITHUB PROFILE](#)

- StudyBug** (2023 - Ongoing): Developed an interactive online learning platform for focused study sessions and personalized AI-based learning using Vue.JS, Express.JS, and Tailwind CSS.
- Deckify** (2024): Developed an AI-powered flashcard generator SaaS using Node.js, React, AWS Bedrock, and Vercel, optimizing user learning experiences with AI-generated flashcards and Stripe integration for seamless payment processing.
- Nile EduLens** (2024): Built a "Rate My Professor" platform for Nile University using Next.js, integrated with a custom RAG pipeline using Google Gemini and Pinecone for dynamic search and sentiment analysis. Scaled the web app to over 200+ users and implemented continuous optimizations based on feedback.
- Reform** (2024, Ongoing): Created a dynamic, AI-powered chat-based survey platform designed for real-time feedback collection and analysis. Implemented natural language processing for dynamic survey generation and sentiment analysis, achieving 1,000 users on the waitlist within the first month.

TECHNICAL SKILLS

Programming Languages: JavaScript, React.js, HTML, CSS (Tailwind), Python, Django, C, Java, MySQL, SASS, Next.js.

Software & Tools: Visual Studio Code, Figma, Cisco Packet Tracer, Arduino, Wireshark, Oracle VirtualBox, Git, Pinecone, Vercel, Firebase, Clerk, AI Integration.

Operating Systems: Windows, Linux.

STUDENT ORGANIZATIONS AND LEADERSHIP EXPERIENCE

Nile Startup Campus	Nile University of Nigeria	Abuja, Nigeria
Chief Executive Officer (CEO)		August 2023 – August 2024
<ul style="list-style-type: none">• Spearheaded the strategic direction and growth of the university's entrepreneurship hub, increasing startup success rates by 40%.• Launched a "Design Sprint" initiative that improved prototype development efficiency by 50%.		

Google Developers Student Clubs	Nile University of Nigeria Chapter	Abuja Nigeria
Design Lead		August 2023 – August 2024
<ul style="list-style-type: none">• Led UI/UX design projects, significantly boosting club membership and engagement by 30%.• Organized design workshops, enhancing the club's visibility and cross-functional collaboration.		

EXTRACURRICULAR AND CERTIFICATIONS

Electronic Arts Software Engineering virtual experience program on Forage	Abuja, Nigeria
Software Engineer	March 2024
<ul style="list-style-type: none">• Proposed a new feature for the Sims 4 and wrote a Feature Proposal describing it to other stakeholders.• Built a class diagram and created a header file in C++ with class definitions for each object.• Patched a bugfix and optimized the Sims 4 codebase by implementing an improved data structure.	