

## EDUCATION

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**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

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**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

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**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

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

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

## EXTRACURRICULAR AND CERTIFICATIONS

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