

DANIEL LUCAS-ADEBAYO

AI SOFTWARE ENGINEER

Lagos State +2349151722948

SUMMARY

Dynamic Software Engineer with proven expertise in full-stack development (Django, Next.js) and a strong focus on AI engineering. Skilled at building scalable solutions within agile and CI/CD environments, leveraging frameworks such as RAG and LangGraph to design intelligent, production-ready applications. Adept at translating complex problems into clean, user-friendly designs, and collaborating across teams to deliver impactful software solutions. Passionate about continuous learning, innovation, and using technology to drive measurable business outcomes.

TECHNICAL SKILLS

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|---------|-------------|---------|------------------|
| Next.js | Tailwindcss | MongoDB | Machine Learning |
| CI/CD | Linux | Express | Prisma |
| Django | Typescript | React | Langgraph |

PROFESSIONAL EXPERIENCE

Software Engineering Fellow at Headstarter AI

July 2024 – September 2024

- Built and deployed 4 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 HuggingFace Models and Pinecone that responds based on a company's knowledge base
- Collaborated with 3 Fellows to build and deploy a SaaS product that generates dynamic flashcards based on any topic using the Llama 3.1 LLM via the OpenRouter API
- Participate in weekly sessions with engineers from Google, Y Combinator, Stanford, Amazon and venture-backed startups

Software Engineer Intern at Federal University of Technology Akure

March 2024 – September 2024

- Served as a Software Engineer Intern, focusing on practical applications of software development concepts in an academic setting.
- Assisted in various software development projects, applying theoretical knowledge to real-world challenges.
- Engaged in coding tasks, contributing to the completion of software applications.Participated in team meetings to discuss project progress and requirements.

EDUCATION

Bachelor's Degree in Software Engineering

September 2021 – December 2025

MOUNTAIN TOP UNIVERSITY

- Graduated with a Second Class Upper (Honours), GPA: 4.43/5.00 (≈3.6/4.0, High Honors equivalent)