Alasela Babatunde

AI Engineer & Founder | Hackathon Winner | Building Emotionally Intelligent AI Systems

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💻 **GitHub:** https://github.com/alaselababatunde/Portfolio

Personal Summary

BioData:

- **Name:** Alasela Babatunde
- **Age:** 15
- **Role:** AI Engineer, Founder (Cura AI & Alash Studios), Educator, Mentor and Programmer
- **Nationality:** Nigerian
- **Education:** Stars College (High School), Graduating 2026
- **Languages:** English

AI Engineer and technical innovator with over 5 years of programming experience, starting at age 8. Currently serving as AI Engineer at **Cura AI, Co.** and Founder of **Alash Studios**. Proven hackathon winner with expertise in Python, HTML, C++, and advanced AI development tools including Flask, Langchain, Ollama, Hugging Face, and the OpenAI and OpenRouter SDKs. Specialized in building emotionally intelligent virtual companions for mental health support, AI-powered developer tools, and agricultural optimization systems. Built **A.S.I.A.**, a functional AI assistant using speech recognition, TTS, and real-time animations. Recognized as Top 20 Finalist in national AI competitions. Active tutor, speaker, and project supervisor across youth-focused tech programs. Committed to creating ethical, impactful, and emotionally aware AI solutions.

Professional Summary

Technically skilled and mission-driven AI Engineer with deep experience in Python development, virtual assistant architecture, and real-world AI application. Currently serves as AI Engineer at **Cura AI, Co.**, focused on building emotionally intelligent systems for mental health support. Proven track record in competitive development environments, including hackathon victories and national-level AI art competitions. Strong command of frameworks like Langchain, Flask, and LLM integration pipelines. Expert in Hugging Face ecosystem including model fine-tuning, AI agent deployment to Hugging Face servers, and comprehensive platform utilization. Proficient in API integration and documentation, enabling seamless system interoperability. Experienced in developing AI-powered tools for code debugging, auto-documentation, website building, and agricultural optimization. Skilled in mentoring students, simplifying technical concepts, and managing tech projects from planning to deployment. Public speaker and youth tech educator with hands-on contributions to programs aimed at early-stage learners. Currently developing solutions at the intersection of AI, mental health, agriculture, and responsible innovation.

Skills

Programming Languages & Frameworks

- Python | HTML | C++ | Flask | Object-Oriented Programming | GUI with Python

AI & Machine Learning

- OpenAI SDK | OpenRouter SDK | Ollama | Langchain
- Hugging Face (Model Fine-Tuning, Deployment, AI Agents)
- LLM Fine-Tuning for AI Agents Production
- Prompt Engineering | AI Ethics

Technical Specializations

- API Integration | API Documentation
- Virtual Assistant Development
- TTS & STT Synthesis
- Code Debugging AI Systems
- Auto-Documentation Tools
- Website Builder AI Integration
- AI Agent Deployment to Hugging Face Servers
- Model Deployment

Domain Expertise

- AI for Mental Health
- AI for Agriculture
- Generative AI Applications

Leadership & Soft Skills

- Project Supervision | Team Leadership
- Public Speaking | AI Debating
- Collaboration | Critical Thinking
- Mentoring & Teaching

Experience

AI Engineer — *Cura AI, Co.*

2025 — Present

- Serving as the AI Engineer for an early-stage startup focused on AI-driven mental health solutions.
- Leading development of emotionally intelligent AI systems and virtual companions.
- Architecting LLM-based applications for therapeutic support and user engagement.
- Implementing Hugging Face models and deploying AI agents to production servers.

Founder — *Alash Studios*

2023 — Present

- Founded and lead a Tech Studio focused on AI innovation and related technologies.
- Mentored and led small tech teams on project development and problem-solving.
- Overseeing multiple AI projects from conception to deployment.

AI Engineer — *DevAssist Team (Remostart Hackathon Winner)*

October 2025

- **Won hackathon** hosted by Remostart as part of DevAssist team.
- Developed AI-powered programming IDE with integrated chat interface for code debugging and auto-documentation.
- Built AI system for SME website builder, enabling automated web development with intelligent design suggestions.
- Handled all AI engineering responsibilities for both IDE and website builder products.
- Implemented natural language processing for code understanding and documentation generation.

AI Engineer — *Team Astra (FutureStack GenAI Hackathon)*

2025

- Competed in FutureStack GenAI Hackathon as AI Engineer for Team Astra.
- Developed AI solution to improve agricultural processes and optimize farmer productivity.
- Implemented machine learning models for crop prediction and resource optimization.
- Received Certificate of Participation for Team Astra.

AI Developer — *Tech Disciples AI (Church Project)*

2025

- Created custom AI assistant for Tech Disciples church community.
- Integrated AI-powered features to support community engagement and information access.
- Deployed chatbot system for answering community questions and providing resources.

Top 20 Finalist — *Nigeria AI Digital Art Competition*

2025

- Competed in national AI digital art competition hosted by Deakon College, Unistep, Goajo Team, and sponsors.

- Advanced to Top 20 finalists out of national participant pool.
- Created innovative AI-generated digital artwork showcasing creative AI applications.

Project Supervisor — *Luca Ador*

August 2024 — December 2024

- Oversaw multiple technology projects, ensuring timely completion and team coordination.
- Managed project timelines, resource allocation, and deliverable quality.
- Facilitated communication between technical teams and stakeholders.

Python Tutor and AI Speaker — *Various Organizations*

2024

- Taught Python programming basics and intermediate concepts at Digital Bootcamp and American Corner Ikeja.
- Delivered keynote Python programming workshop at Newton Academy, training over 100 students.
- Created curriculum and teaching materials for beginner and intermediate learners.
- Conducted hands-on coding sessions and provided one-on-one mentorship.

Developer — *A.S.I.A (Virtual Assistant Project)*

2023 — 2024

- Built a Python-based AI assistant using Speech Recognition, Text-to-Speech engines, and basic animations with PyGame.
- Implemented voice command processing and natural language understanding.
- Created visual feedback system with real-time animations for user interactions.

Education

Online Learning Platforms

- **EdX:** Python Programming (Beginner), AI With Python
- **YouTube:** Ollama, Langchain, Render, AI Agents Development, Deployment
- **Coursera:** GUI with Python, Generative AI, Problem Solving, Collaboration, AI for Everyone, AI Ethics, Object-Oriented Programming, Prompt Engineering
- **Udemy:** AIML Programming
- **Stellar Academy:** Cybersecurity
- **SoloLearn:** Python Intermediate, HTML Intermediate, C++
- **ZionLight:** HTML

Formal Education

- **Stars College (High School)** — Graduating 2026

Certifications

- **Certificate of Participation — Team Astra** (FutureStack GenAI Hackathon)
- **Certificate of Achievement: The LLM Course (1)** — Hugging Face

- **Rasa Chatbot Development** — Coursera
- **Google AI Essentials** — Coursera
- **Appreciation Certificate** — CLCC & Digital Bootcamp (AI Tutoring)
- **Cybersecurity** — Stellar Academy
- **Python Intermediate, HTML** — SoloLearn
- **Object-Oriented Programming, GUI** — Coursera

Awards and Recognition

- 🏆 **Hackathon Winner** — Remostart Hackathon (DevAssist Team) — October 2025
- 🥈 **Top 20 Finalist** — Nigeria AI Digital Art Competition — 2025
- 📜 **Certificate of Appreciation** — CLCC (AI Tutoring)
- 💻 **Laptop & Scholarship Award** — Boycode 3.0 for Excellence in Tech
- 🏅 **"Tech Titan of Cohort 3.0"** — Stellar Academy
- 👨‍🏫 **Recognized Mentor** to Upcoming Tech Professionals

Volunteer Experience

- **Python Tutor** at local community tech programs
- **AI Education Contributor** for youth initiatives
- **Analytics Personnel** — YPIT
- **Publicity Team Member** — GritinAI

Portfolio & Publications

- **Personal Website:** https://alasela-babatunde.vercel.app/
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Contact Information

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"Building AI solutions that are ethical, accessible, and impactful — proving that age is just a number when dedication meets innovation."