

DAVE OLANA

Systems-Focused Technologist | Product Builder | Researcher

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Portfolio: dave-olana.vercel.app | XcelerateAI: xcelerateai-command-center.vercel.app

PROFESSIONAL SUMMARY

Systems-focused Computer Science student graduating with Distinction, with practical experience in digital product development, applied research, technical writing, technology community operations, and institutional product outreach. Interested in systems design, product development, applied AI, learning systems, and technology that addresses real-world constraints.

Interests: Systems Design | Product Development | Applied AI | Human-AI Interaction | Learning Systems | AI for Agriculture | Technical Research

EDUCATION

Yaba College of Technology, Yaba, Lagos, Nigeria

2026

National Diploma (ND), Computer Science

Final Grade: Distinction

Expected Graduation: 22 November 2026

SKILLS AND COMPETENCES

Development & Systems Tools: Git, GitHub, Linux/Ubuntu, Bash, VS Code

AI-Assisted Workflows: Claude, GitHub Copilot, Antigravity

Productivity & Presentation: Microsoft Office, PowerPoint, Canva, Gamma AI

Professional Strengths: Systems thinking, research writing, technical communication, coordination, stakeholder engagement, product outreach

Languages: English, Yoruba

PROJECT / SYSTEMS EXPERIENCE

XcelerateAI Command Center — Creator / Personal Project

Feb. 2026 – Present

Project technologies: React, Vite, JavaScript, HTML/CSS, JSON, Git/GitHub

- Designed and built a functional project-based learning platform centered on learning efficiency, structured progression, and practical application.
- Developed the concept after roughly three months of studying and testing learning methods with approximately 40–50 learners; functional V1 is undergoing a visual refurbishment.

Live Project: <https://xcelerateai-command-center.vercel.app/>

RESEARCH EXPERIENCE

First Author — ICAIR 2026 Research Submission

2026

Co-authored with Dr. Akinade Oluwatoyin

- Developed the FarmConnectAfrica conceptual framework integrating AI advisory, farmer-to-farmer knowledge, agricultural extension expertise, farmer context, verification, and feedback.
- Conducted literature review, comparative analysis, research-gap identification, and system-architecture work across AI-assisted agricultural advisory, farmer learning, agricultural extension, and human-AI decision-making.

PUBLICATIONS / SUBMISSIONS

Adeniyi, D., & Akinade, O. (2026). *Towards Hybrid Agricultural Advisory in Africa: The FarmConnectAfrica Framework for Integrating AI, Peer Knowledge, and Extension Expertise*. Submitted to ICAIR 2026. First author; submitted under academic name Adeniyi David.

INDUSTRIAL / PROFESSIONAL EXPERIENCE

Marketing Intern — CoraEdu

Aug. 2026

- Conducted in-person product outreach to 9 schools during a two-week engagement, securing meetings and proposal requests from 3 prospective institutions.
- Supported product positioning, prospect communication, objection handling, customer discovery, and institutional outreach strategy for a school-management platform.

Hardware Repair & Maintenance Intern — Digital Technology Academy

Feb. 2026

- Troubleshoot laptop hardware, software, and operating-system issues; earned the National Skills Qualification (NSQ) in Computer Hardware Repairs and Maintenance and finished in the top 10 of the cohort.

Technical Writer — Superteam Nigeria

2024 – 2025

- Researched blockchain and cryptocurrency topics and translated complex technical concepts into clear, accessible written content.

Third-Party Manuscript Writer

2023 – 2025

- Wrote and developed long-form book manuscripts for clients publishing under their own names, supporting content structure, drafting, and refinement.

Intern — Eden Acres Integrated Organic Farm

Oct. 2022

- Supported production activities, proposed delivery-process improvements, and was offered a Personal Assistant role to the CEO following the internship.

VOLUNTEERING & LEADERSHIP EXPERIENCE

Technical Lead — Nithub, YABATECH

Aug. 2025 – Dec. 2026

- Manage progress and day-to-day operations of a 180-member campus technology community, including member engagement, coordination, activities, events, responsibilities, and follow-up.
- Facilitated a technical workshop and supported technology-focused community initiatives and event execution.

Course Representative — Computer Science, YABATECH

Jul. 2025 – Nov. 2026

- Represent approximately 320 students across two cohorts, coordinating lecturer communication, schedules, submissions, student concerns, and general class administration.

Volunteer Experience: ICAIR 2025; Innovation Fair 2026

CONFERENCE / WORKSHOP / PROGRAMME ATTENDANCE

Innovation Fair 2026 | ICAIR 2025 | Aspire Leadership Institute 2025 | GDG DevFest Lagos 2023 | BeMINT STEM Bootcamp 2022

AWARDS, SCHOLARSHIPS & CERTIFICATIONS

National Skills Qualification (NSQ) — Computer Hardware Repairs and Maintenance, 2026: Digital Technology Academy; top 10 in cohort.

BeMINT Backend Software Development Scholarship, 2023: Backend software development scholarship.

Best Graduating Student, 2022: Eletu Odibo Senior High School.