

Ajiya Shinabaze

AI Automation & On-chain Engineer

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SUMMARY

AI automation engineer with three years of shipping production systems. I design and run the automation behind DreamFoxVerse: 20+ n8n workflows covering lead intake, a retrieval-augmented support agent, cold outbound, payments and a paid client portal, with a database-side send gate, central error handling and a liveness watchdog. On-chain, I built and operate a flash-loan arbitrage bot on Arbitrum. B.Eng from Ahmadu Bello University.

SELECTED SYSTEMS

- Automation backbone: 20+ production n8n workflows behind one Postgres send gate (opt-out, suppression, ownership, cooldown, daily cap) with a central error handler, a 30-minute liveness watchdog and 25+ live end-to-end checks.
- Support agent: Gmail triage, multi-query retrieval over a Pinecone knowledge base, an LLM judge with revision, and auto-send only for low-risk answers.
- Client portal and checkout: Firebase ID tokens verified in Cloudflare Pages Functions, identity-keyed Flutterwave checkout, signature-verified idempotent webhooks, and 100+ API contract checks.
- Outbound engine: signal-based sourcing, decision-maker enrichment with key-pool failover and budget checks, evidence-based drafting, a model judge and content-based reply detection.

EXPERIENCE

Founder & Lead AI / Automation Engineer · DreamFoxVerse Jan 2023 – Present
Abuja · global remote

- Built and operate the automation backend behind dreamfoxverse.com: 20+ n8n workflows for lead intake, support, nurture, cold outbound, payments and a paid client portal.
- Designed the reliability layer: a database-side send gate, a central error handler, a liveness watchdog, and live checks that assert real side effects.
- Built a community analytics portal for a Web3 client, joining on-chain transaction data with Discord activity through n8n.
- Produce AI video and content pipelines (Runway, Kling, HeyGen, ElevenLabs) for international clients; 50+ brands served.

Business Automation Consultant · Freelance / contract 2022 – Present
Remote

- Lead-generation systems pairing n8n with enrichment and AI qualification before hand-off to sales.
- Support chatbots on the OpenAI API with vector search for e-commerce clients.

Mechanical & Operations Officer (NYSC service year) · Rayuwa Farms Limited Apr 2025 – Apr 2026
Nasarawa State, Nigeria

- Supported mechanical, administrative and process-improvement work; released with formal commendation.

Secretary · Adamlo Synergy Limited (defence-sector contracting) Mar 2024 – Mar 2025
Abuja, Nigeria

- Owned contract documentation, procurement support and client correspondence for federal and military-sector engagements.
- Introduced lightweight automation that reduced manual work across internal processes.

PROJECTS

On-chain arbitrage bot

Solidity · Node.js · Python · Balancer flash loans · Arbitrum

- Off-chain services watch pool prices and pending transactions and estimate profit after gas; a Solidity executor takes a Balancer flash loan, swaps across two DEXs and repays in the same transaction.
- The minimum profit is enforced on-chain, so a trade that no longer pays reverts with no position left open. Runs on Arbitrum mainnet.

SKILLS

AI & agents	Claude, Gemini, OpenAI API, retrieval-augmented generation, Pinecone and vector databases, LLM judges and evaluation sets, prompt engineering
Automation & backend	n8n (production), Python, Node.js, Postgres and Supabase, REST APIs and webhooks, Cloudflare Pages Functions
On-chain	Solidity, Balancer flash loans, Arbitrum, DEX integrations, gas-aware execution
Web & product	JavaScript and TypeScript, HTML and CSS, Next.js, Firebase Auth, Flutterwave payments, Cloudflare Pages and Vercel
Growth & data	Enrichment (Prospero, Apollo), scraping (Firecrawl, Apify), email deliverability (AWS SES, DKIM, SPF, DMARC)
Media	Runway, Kling, HeyGen, ElevenLabs, Midjourney, ComfyUI

EDUCATION

B.Eng, Agricultural Engineering
Ahmadu Bello University, Zaria · 2024

CERTIFICATIONS

AWS AI Practitioner Challenge (verified course completion)
Udacity, part of Accenture · Apr 2026

Certificate of National Service
National Youth Service Corps · Apr 2026