

Johnmicheal Elijah

michealelijah301@gmail.com | johnmicheal.vercel.app | linkedin.com/in/johnmicheal

EDUCATION

Nottingham Trent University

Master of Science in Software Engineering

Nottingham, UK

2025 - 2027

Covenant University

Bachelor of Engineering in Information and Communication Engineering

Nigeria

2018 - 2023

EXPERIENCE

Stealth AI Company

Founding AI Engineer • Contract

Mar 2025 — Present

Remote

- Founding engineer at a stealth AI startup building multi-agent systems and MCP (Model Context Protocol) integrations across fintech APIs (Paystack, Stripe), productivity tools (Slack, GitHub), and internal client SDKs.
- Designed and deployed AI infrastructure using Vercel AI SDK with tool-calling pipelines, dynamic context windows, memory handling, and prompt chaining for agent orchestration and RAG-based workflows.
- Worked with models like GPT, Gemini, Claude, and Google AI Overview to fine-tune LLMs for AI search perception, sentiment tracking, and customer support agents tailored for marketing and CX teams.

Greynote Limited

Founding Software Engineer • Full Time

Sept 2022 — Jan 2025

Lagos, Nigeria

- Designed and developed Greynote, a full-stack PWA for K-12 learning, integrating AI-driven tutoring, parental controls, school management tools, and a coin-based in-app marketplace.
- Built content delivery and ranking algorithms using user preferences, metadata, and behavioral insights to optimize educational video discovery and PG enforcement.
- Implemented scalable backend architecture using Node.js, GraphQL, PostgreSQL (MikroORM), Redis, and AWS SES, S3, deployed on a private Ubuntu server.
- Led development from MVP to production, managing feature prioritization, infrastructure, QA, and onboarding of additional engineers and designers.
- Shipped features like real-time notifications, school finance tracking, secure chat, micro-transactions with a wallet system, and content approval workflows with strict access control.
- Fine-tuned LLMs and engineered multi-step prompts to power Greynote AI, a teacher-assistant agent for lesson note generation, assessment creation, and content moderation.

PROJECTS

Lecture Mate | TypeScript, Next.js, Supabase, Figma

- Co-developed an AI-powered exam prep tool with PDF upload, LLM chat, and user auth using Next.js and TypeScript, and migrated backend from Pinecone to a serverless Supabase + Vercel stack.

Tabetai | TypeScript, Next.js, Vercel AI SDK

- Built a mood-based AI recipe chatbot using Next.js and TypeScript, leveraging Groq + DeepSeek R1 for generation and Exa.AI for YouTube video scraping.

TECHNICAL SKILLS

Languages: Typescript, Javascript, Python, C++, Java, HTML, CSS

Tools: Next.js, React.js, Node.js, GraphQL, REST, Git, Docker, Linux, AWS, MySQL, MongoDB, PostgreSQL, TailwindCSS

ACTIVITIES

3Line Hackathon | TypeScript, Next.js, Figma, Python

- Led a team of 3 to build an AI-powered fintech solution for payment processing, placing 3rd in a competitive hackathon.
- Built a dashboard with Next.js and TypeScript, featuring financial data visualization, audio AI chat, loan rankings, and social banking.