

Teslim Adetola Sadiq

Software Engineer — Lagos, Nigeria

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building scalable fintech and consumer platforms. Specialized in microservices, payment integrations, and high-traffic APIs. Proven track record delivering systems serving 10,000+ concurrent users at sub-50ms latency across e-commerce, edtech, and civic tech domains. Strong expertise in Node.js/TypeScript and Python with hands-on experience in distributed systems, MongoDB, Redis, SLM inference pipelines, and CI/CD.

TECHNICAL SKILLS

Languages & Frameworks: Node.js, TypeScript, JavaScript (ES6+), Python, Java, Express.js, FastAPI, Django, Spring Boot
Databases & Caching: MongoDB, PostgreSQL, Redis, query optimization, indexing strategies
APIs & Integrations: REST, GraphQL, Paystack, Stripe, JWT/OAuth2, WebSockets
Infra & DevOps: AWS (S3, EC2), Docker, CI/CD, GitHub Actions, BullMQ, Render, Vercel
AI/ML: SLM integration & inference, Gemini API, content personalization pipelines

PROFESSIONAL EXPERIENCE

Founding Backend Engineer Feb 2025 – Present
Nevo — AI-Powered Personalized Learning Platform Lagos, Nigeria

- Joined as founding engineer at a seed-funded startup; architected the full system from scratch using FastAPI, PostgreSQL, and Redis for an adaptive learning platform that personalizes study materials per user.
- Integrated and deployed an SLM inference pipeline that dynamically rewrites learning content to match each user's learning style, pace, and knowledge level in real-time.
- Built async content processing infrastructure with BullMQ workers handling multi-format material ingestion (PDFs, text, structured curricula) at scale.

Lead Software Engineer Oct 2024 – Present
FAP Game (fap-game.com) Remote

- Lead engineer for a gamified consumer brand; built the public-facing website, game backend, leaderboard systems, and real-time event infrastructure from the ground up.
- Engineered gamification mechanics and session architecture for concurrent player experiences; overseeing all architecture decisions and deployment pipelines.

Software Engineer Jan 2023 – Present
Avzdaa Technologies Lagos, Nigeria

- Developed FastAPI microservices processing 50+ concurrent data streams at sub-250ms latency; integrated ML models into production, reducing manual workflows by 60%.

KEY TECHNICAL PROJECTS

ULES E-Voting Platform | *TypeScript, Node.js, Express, MongoDB, Redis, WebSockets*

- High-concurrency system handling 20,000+ simultaneous votes with <50ms response times and 100% data integrity via MongoDB transactions; WebSocket server broadcasting to 3,500+ concurrent clients with Redis-backed rate limiting and session management.

Nevo Learning Platform | *FastAPI, Python, SLM, PostgreSQL, Redis, BullMQ*

- End-to-end adaptive learning system; SLM inference pipeline dynamically rewrites and personalizes curricula per user profile; async BullMQ workers ingest and process multi-format learning materials at scale with sub-second delivery.

FairPlay Africa | *Node.js, MongoDB, Gemini AI, Bull Queues*

- Distributed AI content-matching system with sub-300ms detection latency; event-driven architecture with Bull queues coordinating parallel Gemini AI inference jobs across multiple content streams.

NOTABLE ACHIEVEMENTS

9× Hackathon Winner (2022 – 2025)

- ACM Hackathon Grand Prize (N10M / \$6,500)** — FairPlay Africa AI content detection system
- AfriHackBox 1st Place Cybersecurity (\$1,000)** — Aegis AI phishing detection platform
- 3MTT South-West Regional Champion** — Nevo adaptive learning platform (TechCabal feature)
- 6+ additional wins across fintech, e-commerce, and civic tech; consistently shipping production-ready systems under 48-hour hackathon deadlines.

EDUCATION

University of Lagos

Bachelor of Engineering, Mechanical Engineering; CGPA: 4.5/5.0

Lagos, Nigeria