

Ayodele John

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PROFILE

Motivated and results-driven Software Engineer with 3+ years of experience building scalable, production grade platforms in high-impact environments. Strong backend expertise with hands-on experience in AI-powered systems, microservices, and cloud native architectures. Passionate about building reliable, data-driven platforms that operate at scale across multiple stakeholders. Proven ability to deliver secure, resilient systems in fast-growing, mission-driven teams.

WORK EXPERIENCE

Sonaroid (Lagos, Nigeria) - Lead Backend Engineer

January 2026 - Present

- Architected and deployed a recommendation algorithm inspired by Netflix and Instagram's discovery models to surface high relevance energy data, resulting in a 30% increase in user session duration.
- Scaled the core product architecture to handle increasing data loads, optimizing database queries.
- Independently managed the entire backend ecosystem, including cloud infrastructure, CI/CD pipelines and security protocols, ensuring seamless production delivery.

ToksNet Africa (Abuja, Nigeria) - Software Engineer

June 2024 - December 2025

- Spearheaded development of an ML-powered recommendation engine, increasing user engagement by 10% and reducing churn by 20% within six months.
- Orchestrated migration from monolith to microservices using Kubernetes and Docker, improving application performance by 15% and reducing deployment time by 25%.
- Led a cross-functional team of 3 developers to implement AI-driven security protocols, reducing potential vulnerabilities by 15% and earning a top-tier cybersecurity certification.
- Owned cloud infrastructure, CI/CD, and release processes to ensure reliable production delivery.

EDUCATION

University of Benin, Nigeria - Bachelor of Science - BS, Biology

December 2021

Xoft Tech Academy, Nigeria - Diploma in Computer Science

August 2020

TECHNICAL SKILLS

- **Languages / Frameworks** - JavaScript (ES6+), Python, TypeScript, PHP, Node.js, NestJS, React, React Native
- **Architecture / APIs** - Microservices (mono & poly-repo), GraphQL, REST, WebSockets
- **Databases / Messaging** - MySQL, PostgreSQL, MongoDB, Redis, RabbitMQ
- **Cloud & DevOps** - AWS (EC2, S3, Lambda), Azure, Docker, Kubernetes, CI/CD (GitHub Actions, GitLab CI)
- **AI / Data** - ML-powered recommendations, AI API integrations, data-driven system design
- **Other / Tools** - Prisma, Jira, Slack, Git, basic AI/ML, blockchain fundamentals, SEO, WordPress

PROJECTS

- **AEDION**, OpenAI Project (*Lead Backend Engineer*): Led backend architecture, cloud engineering, and DevOps for a secure, scalable healthcare platform integrating OpenAI capabilities.

- **Zetabrent Education** (*Lead Backend Engineer*): Directed development of an international study application and agency operations platform with a focus on modularity and UX.
- **Aeropulse**, Document Management App (*Lead Backend Engineer*): Built a microservices-based document management system for an aviation school enabling secure file sharing and streamlined approvals.
- **GV3N**, Blockchain Project (*Lead Backend Engineer*): Oversaw a Telegram-based mining app integrated with an e-commerce marketplace leveraging blockchain components.

CERTIFICATIONS

- AWS Certified Developer – Associate, 2024
- Google Associate Cloud Engineer, 2023
- Certified Scrum Master (CSM), 2023

ACHIEVEMENTS

- Presented at three meetups on cloud computing, AI, and microservices.