AYOMIDE AKINDUTIRE

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PROFESSIONAL SUMMARY

DevOps and Backend Engineering Lead with 7+ years of hands-on experience building fintech and media platforms. Led a team of 10, cut monitoring costs from $840 to $17/month, and operate 45+ production services at 99.95% uptime.

SKILLS

Languages: PHP, JavaScript, TypeScript, Python, Java, SQL, Bash
Backend: Laravel, Node.js, NestJS, Spring Boot, REST APIs, RabbitMQ, BullMQ
Databases & ORM/ODM: PostgreSQL, MySQL, MongoDB, Redis, Eloquent, TypeORM, Hibernate, Mongoose
DevOps & IaC: Linux, Docker, Docker Compose, Kubernetes (k3s), Terraform, Ansible, GitHub Actions, CircleCI, Jenkins, Nginx
Observability: Prometheus, Grafana, OpenTelemetry, New Relic, GoAccess
Cloud: AWS (EC2, RDS, Elastic Beanstalk, CodePipeline), GCP, DigitalOcean, OVHcloud, Contabo
Agentic AI: OpenAI SDK, CrewAI, MCP
Leadership: Team Leadership, Hiring, Mentoring, Stakeholder Management

EXPERIENCE

Engineering Consultant **NOVEMBER 2025 – PRESENT**
Zyltek NG | Lagos, Nigeria
Technologies: VPS, Terraform, AWS, GitHub Actions, Docker, Kubernetes (k3s), OpenTelemetry, Ansible, Prometheus, Grafana, Nginx, Linux, WordPress, Laravel, NestJS
Clients: CW Digital Services, Sooseed NG

- Manage infrastructure and transaction logic covering ~40% of Sooseed NG's operations.
- Secured and monitored 8 VPS servers for CW Digital Services; built an in-house metrics, alerting and uptime monitoring stack with Prometheus (Node, MySQL, PHP-FPM and Nginx metrics) and Grafana, cutting monitoring costs from $840 to $17 per month.
- Implemented real-time request monitoring with the GoAccess log analyzer across all 8 CW Digital Services VPS servers.
- Led the design and implementation of a distributed chat system (secure startup-investor deal room) and a cross-company team management system serving 150+ startups on the EasyVC platform.
- Configured k3s on EasyVC VPS to orchestrate Laravel, chat and presence service containers, avoiding the cost of managed Kubernetes.
- Provisioned Contabo VPS instances with Terraform.
- Introduced GitOps deployments between Bitbucket and GitHub Actions, cutting version control costs by 80%, and automated server software updates with GitHub Actions, saving 20% of engineers' time.
- Migrated Arc Programs from shared hosting to a dedicated VPS with Nginx gzip compression and static asset caching, achieving 99.95% uptime and ~40% faster page loads.
- Implemented log rotation across 8 CW Digital web servers, avoiding a VPS storage upgrade.
- Built an AI-generated pitch deck feature for EasyVC founders.

Lead Engineer **AUGUST 2025 – PRESENT**
Sooseed NG | Lagos, Nigeria
Technologies: Node.js, NestJS, PostgreSQL, Docker, Docker Compose, GitHub Actions, Ansible, OpenTelemetry, New Relic, Linux, VPS

- Led the architecture and delivery of a secure remittance and multi-partner withdrawal platform using NestJS, PostgreSQL and the Bridge design pattern, reliably processing 200+ daily remittance transactions with strong transaction-safety guarantees and partner interoperability.
- Designed a double-spend-resistant withdrawal flow, strengthening financial integrity across partner networks and reducing reconciliation disputes and failed payouts.

- Reduced database load by ~60% using B-tree indexing and caching, speeding up transaction lookups and increasing capacity headroom.
- Established end-to-end observability with OpenTelemetry, giving real-time visibility into system health, transaction flow and failure patterns, and improving incident response time by 50%.
- Implemented proactive monitoring and incident response that catches production issues before customer impact, achieving 99.95% uptime and preventing repeat incidents.
- Standardized releases and operations with GitHub Actions, Docker Compose and Ansible on self-managed Linux VPS, shortening release cycles and reducing deployment risk.
- Own and operate the production server environment, supporting 45+ critical background services (monitoring, reporting, backups, security and networking).
- Introduced daily infrastructure and system activity reports, improving transparency and decision-making for leadership.
- Strengthened security through SSH hardening, intrusion prevention, firewall rules and rootkit detection, reducing exposure to unauthorized access and financial risk.

Lead Engineer / Engineering Manager **AUGUST 2022 – NOVEMBER 2025**
Canadian Wealth Inc. | Calgary, Alberta, Canada
Technologies: Laravel, PHP, Java, Node.js, NestJS, MongoDB, MySQL, Redis, BullMQ, RabbitMQ, Linux, Ansible, Docker, CircleCI, Jenkins, GitHub Actions, DigitalOcean, OVHcloud
Projects: Video Streaming Platform, Event Scheduler and Registrar

- Led a cross-functional team of 10 (developers, testers, infrastructure engineers and a project manager), working with business stakeholders and customers to deliver large-scale projects across media, fintech, fashion and business technology.
- Hired 5 independent contractors across UX design and backend engineering.
- Led the architecture and development of a venture capital network connecting 300+ startups and 100+ VCs across Canada.
- Designed an asynchronous microservice architecture for reliable video processing and streaming: Laravel at the core, BullMQ (NestJS) for video transcoding and RabbitMQ for service communication.
- Set up the organization's CI/CD pipeline using Bitbucket, CircleCI, DigitalOcean Droplets, a private container registry, Ansible and Docker.
- Configured a self-hosted Jenkins server with 10 staging pipelines, reducing build costs for live deployments.
- Led the design of a permission-based reporting system for a multi-event registration platform handling 300+ event schedules and 5,000+ attendees.
- Led the architecture and implementation of a dynamic form builder and submission system similar to Google Forms and Typeform.
- Implemented a dynamic event creation and approval system using Laravel, AngularJS and Grav CMS.
- Standardized a budget-friendly CDN across 10 products, lowering latency at zero cost to the business.
- Defined security policies and branching strategies for 20+ Bitbucket repositories, and managed system access and permissions for engineering and operations teams.

Backend Engineer **SEPTEMBER 2021 – AUGUST 2022**
Canadian Wealth Inc. | Calgary, Alberta, Canada
Technologies: Laravel, PHP, MySQL, Ansible, Bash, AssemblyAI, Linux

- Oversaw the design and delivery of startup and investor platforms.
- Moved the organization's deployment process to Ansible for configuration and deployment, saving developers 2 hours daily.
- Improved engineering culture by introducing mentoring, pair programming, test-driven development, CI/CD and code review rules.
- Integrated AssemblyAI speech-to-text to detect prohibited words in video streams.
- Wrote Bash utility scripts to automate recurring team tasks.

Software Engineer **APRIL 2020 – AUGUST 2021**
HotBox Technology | Lagos, Nigeria
Technologies: Java, Spring Boot, RabbitMQ, MySQL, AWS, GCP, Linux
Project: VPoS Merchandise

- Built RESTful APIs with Spring Boot, collaborating with frontend, mobile and UX engineers.
- Designed an architecture covering 80% of backend processes and set up infrastructure on AWS EC2, Elastic Load Balancing, target groups, Elastic Beanstalk and RDS (Relational Database Service).
- Automated frontend and backend deployments with AWS CodePipeline, CodeBuild and CodeDeploy.
- Led the migration of the organization's AWS cloud resources to GCP.

Software Engineer (Ionic/WordPress) **JANUARY 2020 – JULY 2020**
Contract | Lagos, Nigeria
Technologies: React, Ionic, Redux, WordPress, Docker

- Developed a 15-screen cross-platform mobile app (Ionic, Redux) that matches fashion inspiration with merchants who can fulfill it, consuming WordPress APIs via the Mobiconnector plugin.
- Containerized the WordPress backend with Docker to ship the APIs.

Fullstack Software Engineer **MAY 2019 – DECEMBER 2019**
Oshegz Telecoms | Ibadan, Oyo State, Nigeria
Technologies: PHP, MySQL, AngularJS, React, VPS

- Redesigned and built a fintech application (bitcoin exchange, bill payments and other financial services) with PHP and AngularJS, increasing daily active users and sales by over 60% after launch.
- Migrated customer data from the legacy platform to the new one with no noticeable downtime.

EDUCATION

Bachelor of Science, Computer Science and Mathematics **2019**
Obafemi Awolowo University | Ile-Ife, Nigeria