

INIOLUWA ALAKE

Software Engineer

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PROFILE

Full Stack Software Engineer with experience building scalable, high-performance web applications using Vuejs, TypeScript, NestJS and Laravel. Proven in delivering secure, well-architected solutions across frontend and backend systems, with hands-on experience in cloud infrastructure, CI/CD automation, and API design. Strong collaborator in remote, cross-functional teams, with a track record of improving performance, reliability, and development efficiency in production environments.

SKILLS

Backend Development: Laravel (PHP 8+), FilamentPHP, Phalcon, NestJS (TypeScript), Express.js, Eloquent ORM, Prisma ORM, REST/GraphQL APIs

Frontend Development: VueJs, Next.js, Tailwind CSS, Blade Templates, Axios, Redux

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis

DevOps & Infrastructure: Docker, Docker Compose, AWS (EC2, RDS, S3, CloudWatch), PM2, Nginx

CI/CD & Version Control: Git, GitHub Actions, GitLab CI, Composer, NPM Workspaces

Testing: PHPUnit, Jest, Postman, Swagger (Open API)

Messaging/Queueing Systems: RabbitMQ, integrated within Kubernetes for distributed systems.

Monitoring & Analytics: Prometheus, Grafana, AWS CloudWatch, Laravel Telescope

PROFESSIONAL EXPERIENCE

Bitville Gaming— Full Stack Software Engineer

Remote

October 2025 – Present

- Developed and maintained a multi-tenant sports betting and gaming platform serving multiple African markets, supporting sports betting, casino games, virtual sports, and lottery products integrated with providers such as Sportradar, Evolution, Pragmatic, and BetGames.
- Optimised complex SQL queries and backend workflows, significantly improving response times and system performance for high-traffic betting and gaming operations.
- Architected and implemented a retail voucher system with multi-currency support (NGN, ZAR, AED, etc.), enabling retail partners to create, sell, and redeem vouchers seamlessly across regional markets
- Developed a CMS module using Vue.js, TypeScript, and Laravel, enabling efficient management of platform content, promotions, user accounts, and administrative operations.
- Collaborated across product, frontend, and backend teams to deliver scalable, reliable features aligned with business and regulatory requirements.

Cadware Limited— Backend Engineer (Volunteer)

Remote (UK)

August 2025 – Present

- Designed and implemented a transaction processing system for property investment and leasing workflows, improving data integrity and reducing request latency, resulting in a smoother end-user experience.
- Built a flexible, modular data model supporting multiple business scenarios (outright purchase, renovation & profit-sharing, leasing), enabling rapid onboarding of new service lines without major refactors.
- Introduced automated unit and integration testing alongside CI/CD pipelines, reducing manual regression testing effort by ~40% and accelerating feature release cycles.

Zojatech— Backend Engineer

August 2023 – February 2025

- Designed and delivered a configurable approval workflow system, reducing task validation time by an estimated 30% and improving cross-team decision accuracy across multiple departments.
- Built a bulk CV upload and processing pipeline, enabling HR teams to ingest and parse thousands of candidate records in minutes instead of hours, significantly improving recruiter productivity.
- Integrated Zoho CRM and subscription APIs, automating billing and customer data synchronization and reducing manual reconciliation errors by 40%.
- Developed a real-time notification system using WebSockets, increasing user engagement and response times for time-sensitive actions across the platform.
- Engineered a subscription management module with plan configuration, upgrades, and automated renewals, directly supporting platform monetization and recurring revenue growth.

Shippack — Software Engineer

December 2021 – August 2023

- Integrated Stripe payment gateway for secure, automated transactions, improving payment efficiency and reconciliation accuracy by 35 %.
- Implemented real-time location tracking between users and drivers using WebSocket and AWS EC2 + Socket.io, enhancing delivery visibility and user satisfaction.
- Deployed scalable microservices on AWS (EC2, S3, CloudWatch), improving uptime and monitoring for mission-critical APIs.
- Converted manual API references into interactive Open API documentation, reducing developer onboarding time and integration errors.
- Optimised backend performance through caching and load balancing, improving response time for delivery updates by 25 %.
- Collaborated with frontend and DevOps teams to ensure cloud-native CI/CD pipelines and consistent system reliability across environments.

PROJECTS

VibezsUp — Event Management Platform

Laravel, React.js, TypeScript

[Link](#)

- Architected a centralized backend API bridging social seekers and hospitality venues, facilitating seamless discovery of restaurants, lounges, and events for users while providing vendors with comprehensive management tools.
- Engineered an advanced reservation system with split payment functionality, enabling groups to divide costs among friends, manage pre-orders, and coordinate guest invites for social outings.
- Built a complete event ticketing with QR code check-ins, guest list management, and reservation-to-ticket conversion capabilities, streamlining event operations for vendors.
- Implemented multi-role authentication and authorization, managing distinct permission scopes for Customers, Merchants, Team Members, and Admins with complete data isolation.
- Integrated Firebase Cloud Messaging (FCM) for real-time notifications and geolocation services for nearest venue discovery, enhancing user engagement and discovery capabilities.
- Developed vendor management suite with team permissions, dynamic menu updates, financial dashboards tracking income/withdrawals, and social authentication integrations (Apple, Google).
- Handled complex financial flows for split payments with atomic transaction processing and implemented webhook integrations for payment providers (Monnify, Pooler).

SpinRequest — DJ Song Request & Event Platform

Laravel, FilamentPHP

[Link](#)

- Built a two-sided marketplace platform connecting audiences with DJs at live events, enabling real-time song requests and hype shoutouts with integrated payment processing.
- Developed comprehensive admin panel using FilamentPHP to manage user accounts, payment transactions, request workflows, event operations, and platform analytics with role-based access control.
- Implemented real-time request management system allowing DJs to accept/reject requests, with automatic refund processing and instant push notifications to keep audiences engaged.
- Architected dynamic pricing system enabling DJs to set custom rates per event, with secure payment gateway integration and automated payout processing for host accounts.
- Built QR code system for DJ discovery at venues, simplifying the connection between audiences and performers while tracking engagement metrics per event.

LaundryRoom — Laundry Service Platform

Vue.js, Laravel

[Link](#)

- Developed a full-stack multi-vendor laundry service platform with automated scheduling system for pickup and delivery coordination, enabling customers to book services at preferred times.
- Built a flexible service pricing engine supporting multiple service tiers with dynamic pricing calculation and same-day service availability.
- Implemented comprehensive order management system with real-time tracking, service history, and quality assurance workflows ensuring customer satisfaction guarantees.
- Integrated secure payment processing and developed customer dashboard for managing orders, scheduling new services, and viewing transaction history.
- Designed responsive Vue.js frontend with mobile-first approach, making scheduling and order tracking easily accessible across all devices.

EDUCATION

MSc, Computing (Software Engineering), University of Northampton (Distinction)

BSc, Software Engineering, Babcock University (Distinction)