

INIOLUWA ALAKE

Software Engineer

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PROFILE

PHP Engineer specialising in Laravel (PHP 8+) and the broader PHP ecosystem, with a strong track record of building and scaling high-traffic, multi-tenant platforms in production. Experienced in event-driven architecture, CI/CD pipeline automation, and AWS infrastructure, with a consistent focus on code quality, design patterns, and maintainable system design. Comfortable working through ambiguity, collaborating with product owners and cross-functional teams to ship solutions that are robust without being over-engineered. Currently expanding into Infrastructure as Code (Terraform) with hands-on experience across the full software delivery lifecycle from architecture through deployment and observability.

TECHNICAL SKILLS

Backend: Laravel 10+ (PHP 8+), FilamentPHP, Eloquent ORM, REST APIs, GraphQL, Queue Workers & Job Scheduling, Service Container & Providers, Phalcon

Architecture & Patterns: Event-Driven Architecture, Repository Pattern, Service Layer, Observer Pattern, Strategy Pattern, Microservices, WebSockets, RabbitMQ

Testing & Quality: PHPUnit, Pest, Feature & Unit Testing, Static Analysis (PHPStan), Postman, Swagger (OpenAPI)

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

Infrastructure as Code: Terraform, Bicep

CI/CD & Tooling: GitHub Actions, GitLab CI, Git, Composer, GitHub Copilot, Laravel Telescope, Prometheus, Grafana, Harness

Identity & Security: Auth0, OAuth 2.0

Frontend: Vue.js, Blade Templates, Livewire, Alpine.js, Tailwind CSS, Axios

Databases & Caching: MySQL, PostgreSQL, Redis, Query Optimisation, Database Indexing, Migrations

PROFESSIONAL EXPERIENCE

Bitville Gaming — Senior Software Engineer

Remote | October 2025 – Present

- Engineered and maintained a high-traffic, multi-tenant sports betting platform in Laravel 10+, serving multiple African markets with third-party integrations (Sportradar, Evolution, Pragmatic), applying Repository and Service Layer patterns to keep domain logic decoupled and maintainable

- Designed an event-driven voucher redemption system using Laravel Events, Listeners, and Queue Workers, supporting multi-currency workflows (NGN, ZAR, AED) across retail partner networks with zero data inconsistency under concurrent load.
- Optimised Eloquent queries and raw SQL workflows for high-concurrency betting operations, reducing response times significantly across endpoints handling thousands of simultaneous users.
- Built and maintained AWS infrastructure (EC2, RDS, S3, CloudWatch) supporting production workloads, with environment parity enforced through Docker Compose and deployment automation via CI/CD pipelines.
- Collaborated cross-functionally with product and frontend teams to ship regulatory-compliant features, enforcing code quality standards throughout via peer review and static analysis tooling.

Cadware Limited — Backend Engineer (Volunteer)

Remote (UK) | August 2025 – Present

- Introduced PHPUnit test suites (feature and unit) alongside GitHub Actions CI/CD pipelines, cutting manual regression effort by 40% and accelerating release cycles on a Laravel-based property investment platform.
- Architected a modular Eloquent data model using the Strategy pattern to support multiple business flows (purchase, renovation, leasing) without branching logic or major refactors.

Zojatech — Mid-Level Backend Engineer

Hybrid (Lagos, Nigeria) | August 2023 – February 2025

- Built a configurable approval workflow engine in Laravel using the Observer pattern and Laravel Events, reducing validation time by 30% and improving cross-team decision traceability.
- Delivered a bulk CV processing pipeline via Laravel Queues and Jobs, an event-driven approach processing thousands of records asynchronously with no UI-blocking operations.
- Integrated Zoho CRM and billing APIs using Laravel's HTTP client and service providers, automating synchronisation and cutting manual errors by 40%.
- Developed a real-time notification system using Laravel Broadcasting and WebSockets, applying pub/sub architecture to deliver time-sensitive updates at scale.

Shippack — Software Engineer

Remote | December 2021 – August 2023

- Deployed and managed scalable services on AWS (EC2, S3, CloudWatch) using Laravel Forge, maintaining high uptime and full observability for mission-critical delivery APIs.
- Reduced API response times by 25% through Redis caching and load balancing strategies, applied systematically after profiling high-traffic delivery update endpoints.
- Integrated Stripe via Laravel Cashier, improving payment reconciliation accuracy by 35% and reducing failed transaction handling overhead.

PROJECTS

SpinRequest([Link](#)) — Laravel, FilamentPHP, MySQL

- Architected a two-sided marketplace using event-driven patterns real-time song requests, automated refunds, and push notifications all handled asynchronously via Laravel Queues and Jobs, keeping the UI non-blocking under live event load.
- Built a dynamic pricing engine and automated payout system using Laravel Scheduler and Queue Workers, applying the Strategy pattern to handle variable pricing rules without hardcoded conditionals.
- Developed a full admin panel in FilamentPHP with role-based access control, covering payments, request workflows, and platform analytics enforcing separation of concerns throughout.

LaundryRoom([Link](#)) — Laravel 10+, Vue.js, MySQL, Laravel Events

- Delivered a multi-vendor platform backend in Laravel using Events and Listeners to coordinate pickup/delivery scheduling across vendors without tight coupling between service layers.
- Built a flexible pricing logic using Eloquent with the Strategy pattern, supporting dynamic per-vendor pricing calculation and same-day availability logic without branching conditionals.

VibezsUp([Link](#)) — Laravel

- Architected a centralised RESTful API for social discovery using Service Layer and Repository patterns, keeping business logic fully decoupled from controllers and database queries.
- Engineered split payment processing with atomic transactions and webhook integrations, ensuring payment integrity across concurrent operations.

EDUCATION

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

BSc, Software Engineering, Babcock University (Distinction)