

Bolade Akerele

Senior Full Stack Developer | Technical Lead | PHP, Laravel, Vue.js, AWS

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PROFESSIONAL SUMMARY

Senior Full Stack Developer and Technical Lead with 13+ years of experience building scalable web applications and microservice-based SaaS platforms across health-tech, fintech, HR-tech, insurtech, and legal-tech. Specializes in PHP 8.x (Laravel, Lumen), JavaScript (Vue 3), Linux, Docker, Kubernetes, AWS, and Azure, owning design, development, testing, and deployment through GitLab and Bitbucket CI/CD. Builds and secures HIPAA- and PIPEDA-compliant electronic health record (EHR) systems and automated billing workflows serving 1,000+ patients and hundreds of home care agencies across North America. Previously led architecture of a pan-African HR SaaS platform, including a Bill & Melinda Gates Foundation project that cut salary processing time by 80%. Has led Agile teams of 10+ developers across multiple products and mentored 7+ developers, shipping secure, maintainable code in close collaboration with stakeholders. Uses AI to speed up delivery with a security-first, compliance-first approach. Holds an MSc in Information Technology and ITIL Foundation certification.

TECHNICAL SKILLS

- **Languages:** PHP 8.x, JavaScript (ES6+), SQL, HTML5, CSS3
- **Back End:** Laravel (latest releases), Lumen, RESTful API Design, Microservices, Service-Oriented Architecture (SOA), MVC, Object-Oriented Programming (OOP)
- **Front End:** Vue.js (Vue 3), Vuex, Vue Router, Vue CLI, jQuery, Axios, Bootstrap, Chart.js, Responsive Web Design
- **Databases:** MySQL, MariaDB, PostgreSQL, Oracle, Redis, MongoDB, Elasticsearch, Query Optimization
- **Cloud:** AWS (EC2, S3, Lambda, SES, IAM), Microsoft Azure (Blob Storage, Virtual Machines)
- **DevOps:** Linux, Docker, Kubernetes, GitLab CI/CD, Bitbucket Pipelines, Sentry, Nginx, Apache, Zero-Downtime Deployment
- **Testing:** PHPUnit, Pest, Test-Driven Development (TDD), Unit, Feature, and Integration Testing, Code Review
- **Security and Compliance:** HIPAA, PIPEDA, Role-Based Access Control (RBAC), Authentication and Authorization, Audit Logging, Web Application Firewall (WAF), Penetration Test Coordination, Security Policy Documentation, Vendor Management, Secure Coding, Principle of Least Privilege
- **Integrations:** Stripe, Bambora, Avalara, Payment Gateway Integration, Third-Party APIs
- **Tools and Methods:** Git, GitHub, GitLab, Bitbucket, Jira, Confluence, Asana, Notion, Swagger (OpenAPI), Figma, Claude Code, GitHub Copilot, Model Context Protocol (MCP), Agile, Scrum

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer | Homecare Hub | Ontario, Canada | May 2022 – Present

Health-tech SaaS platform for in-home care services and co-living facilities for older adults.

- Built a HIPAA- and PIPEDA-compliant EHR and patient notes system (Laravel, Vue 3, MariaDB, AWS) serving 1,000+ patients and hundreds of home care agencies across North America.
- Engineered a clinical annotation tool and audit logger, giving full traceability of every change to protected health information (PHI).
- Designed role-based access control (RBAC) for authentication and authorization, enforcing least-privilege access to patient data.
- Own infrastructure maintenance and security: manage the AWS web application firewall (WAF) and rate limiting, and encrypted private S3 data with AWS KMS and presigned URLs.
- Lead security compliance: write HIPAA and PIPEDA policies, coordinate penetration tests with vendors, and drive remediation, including a Content Security Policy (CSP) rollout and Snyk vulnerability fixes.
- Cut billing rework by 70% with Bambora payment pre-authorization; integrated Stripe and Avalara, supporting 80% customer retention, and built group agency invoicing for transitional beds.
- Improved performance by 50% through MySQL query tuning, and built centralized error logging that reduced production bug reports.

- Lead contributor to deployment infrastructure: Bitbucket CI/CD pipelines, blue-green zero-downtime releases on Docker and Kubernetes, and a production disaster recovery runbook.
- Use AI (Claude Code, GitHub Copilot) for code review, design, performance optimization, analytics, and process improvement within HIPAA, PIPEDA, and security guardrails; led the team's Claude Code rollout with shared MCP integrations, skills, and hooks.
- Mentored developers, led code reviews, expanded PHPUnit and Pest test coverage, and built internal VS Code and Chrome extensions that speed up team workflows.

Technical Lead / Senior Full Stack Developer | Seamless HR | Lagos, Nigeria | Aug 2019 – Jan 2023

One of Africa's largest HR-tech SaaS providers, delivering end-to-end HR solutions to businesses across the continent.

- Led a team of 10+ developers across multiple products, owning architecture and development of an end-to-end HR SaaS platform (recruitment, onboarding, leave, payroll, exit, and employee management) on a Laravel microservices architecture.
- Built a recruitment management system that grew the client base by 20% and generated 20% of annual revenue.
- Developed a learning management system (LMS) that increased annual revenue by 15%, integrating third-party learning content providers.
- Delivered a time and attendance platform in 4 months with the Bill & Melinda Gates Foundation, cutting salary payment processing time by 80% for blue-collar workers across Africa.
- Co-developed a payroll system used by leading African banks and 40% of the client base, and led integrations with payment switching platforms.
- Set up Docker and Kubernetes deployments and GitLab and Bitbucket CI/CD pipelines for high-availability rollouts across multiple countries; mentored 7+ developers, set coding standards, and ran code reviews in an Agile/Scrum team.

Software Engineer | Law Pavilion Business Solutions | Lagos, Nigeria | Sep 2018 – Aug 2019

Legal-tech company providing digital research tools for judges and lawyers.

- Engineered a PDF-to-HTML annotation tool that lets judges and lawyers comment on and cross-reference legal books, law reports, and journals.
- Developed cloud-based ERP and CRM modules and an approval workflow tool that controls published content by permission level.
- Reduced production defects through bug fixes, performance tuning, and unit tests, and set up CI/CD deployment pipelines.

Software Developer | Standard Alliance Insurance Plc | Lagos, Nigeria | Oct 2017 – Sep 2018

Digital-first life and property insurance company.

- Built a custom ERP system for online motor insurance sales and subscription management, increasing policy uptake by 40%.
- Delivered a WordPress content management system in one week, enabling rapid web content updates.

Creative Director & Engineering Manager | Mindshare Communications Ltd | Lagos, Nigeria | Jan 2013 – Oct 2017

Digital marketing agency specializing in advertising, public relations, and events.

- Managed a cross-functional team of designers and web developers delivering corporate websites and digital campaigns for agency clients.
- Designed and built website templates with optimized UX and SEO, improving user engagement by 25% and client brand visibility by 30%.

EDUCATION

- **Master of Science (MSc), Information Technology** | University of Lagos, Nigeria | 2016
- **Bachelor of Science (BSc), Computer Science (ICT)** | Ajayi Crowther University, Nigeria | 2011

CERTIFICATIONS & AWARDS

- **ITIL Foundation Certification** | IT Infrastructure Library
- **Company Values Award** | Mindshare Communications Ltd