

JOHN EKIRU

SOFTWARE ENGINEER

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PROFILE SUMMARY

Results-driven **Software Engineer** specializing in the **Laravel PHP** ecosystem. I **design, build, and ship production-ready web apps** through the full **software-development lifecycle**, from requirements and UI prototypes to **CI/CD** pipelines and **cloud deployment**. Adept at **Vue.js** front-end work, **RESTful API** design, **MySQL** data modeling, and **automated testing**. Hands-on experience deploying via **GitHub Actions** to **Hostinger®** and **cPanel** hosts, enabling zero-downtime releases. Comfortable collaborating in **agile, remote-first, or on-site** teams. Domain exposure in **higher education portals, agritech marketplaces, and nonprofit CRM workflows**. Passionate about continuous learning and bringing extra value through add-on experience with ERP/CRM integrations—**Salesforce, Odoo, and HubSpot**.

PROFESSIONAL SKILLS

- **LANGUAGES & FRAMEWORKS**
 - PHP 8+ • Laravel 10+ • Vue 3 • JavaScript (ES6)
 - TML5 • CSS3/Bootstrap • Blade • C++ • Java • C • Python
- **DATABASES**
 - MySQL • MariaDB • PostgreSQL • SQL
- **DEVOPS & CLOUD**
 - GitHub Actions • CI/CD • Hostinger hPanel • cPanel
- **TOOLS & COLLAB**
 - Git • GitHub • Linux (Ubuntu) • Vi • AI • Slack • VS Code
- **INTEGRATIONS/CRMs/ERPs**
 - Salesforce (Admin & Sales Cloud Cert) • Odoo 16 • HubSpot
- **APIs**
 - M-Pesa STK

KEY SKILLS

- Quick Learning
- Collaborative Team Player
- Adaptability and Flexibility
- Problem-solving
- Open-minded
- Effective Communicator

CAREER HIGHLIGHTS

- Accelerated releases 4× by introducing GitHub Actions workflow that automatically tests & deploys Laravel builds to Hostinger.
- Delivered 4 mission-critical portals for Strathmore University-serving 1000+ students-within 6 months using Laravel, Vue and MySQL.
- Built P2P Jobs & Communities modules for Farmbid Africa, raising daily active users 35%.
- Led remote freelance project for Humanity First Home, integrating Paypal and M-Pesa donations and automating newsletters, blogs, and events; cut manual effort by 50%.
- Won Pesalink × Strathmore Hackathon (2025) for a real-time fintech web app prototype.

WORK EXPERIENCE

Laravel Developer

January, 2025 – Present

Strathmore University, Madaraka, Kenya

- Spearhead development of four Laravel-based management systems (Document Verification, International Students, Sports, Clubs) used by >3 departments.
- Implement Vue components, REST endpoints, and role-based access control, boosting processing speed by 40%.
- Created Git branching strategy and code review checklist that cut the defect rate by 20%.

Laravel Developer Intern

Septemer, 2024 – 2025

FARMBID AFRICA, Westlands, Nairobi

- Built and optimized P2P Jobs, Timeline, and Community features in a Laravel/Vue monorepo; introduced eager loading and index tuning to reduce query time by 60%.
- Authored developer guides and API docs to ensure future maintainability.

IT Officer

January, 2024 – Present

Mpesa Foundation Academy Alumni Association, Thika

- Orchestrate tech stack for annual alumni elections, handling 1000+ secure votes with 99.9% uptime.
- Served on the Alumni Electoral Commission Board, reviewing and recommending updates to the MFAAA constitution, drawing from national best practices and legal frameworks to enhance governance and alumni representation.

FREELANCE & PERSONAL PROJECTS | 2022–PRESENT (REMOTE)

- **laravel-mpesa-stkpush-production & laravel-mpesa-stkpush-sandbox**: Developed and published two open-source Laravel packages for integrating M-Pesa STK Push in sandbox and production environments via Packagist, serving as reliable tools for Kenyan fintech developers.
- **HumanityFirstHome (Non-Profit)**: Laravel 10 + Livewire site; integrated payment gateway (M-Pesa STK & Paypal) and CI/CD via GitHub Actions → Hostinger.
- **StreamTalk.Online**: Social platform (Laravel, WebSockets) deployed on cPanel.
- **Unix Shell Project**: From the ALX Software Engineering Program, designed and implemented a custom Unix shell in C showcasing system calls, pipes, and teamwork.
- **PettyPay Transaction Management**: In-progress Laravel application for corporate petty-cash workflows, delivering short-term loans and repayment tracking.
- **Campus Indoor Navigation System**: Led a team to build an indoor navigation tool for a university campus using Laravel, Composer, and established MVC best practices.

EDUCATION

Bachelor of Business Information Technology

Strathmore University, Ole Sangale, Madaraka

2022 – 2026

Kenya Certificate of Secondary Education

Mpesa FFoundation Academy

2018 – 2022

CERTIFICATIONS & AWARDS

- **Salesforce Certified Administrator • Salesforce Certified Sales Cloud Consultant**
- **Spirit of the Academy Award | Top Mpesa Foundation Academy Annual Awards**

Awarded for embodying the academy's values: Curiosity, Leadership, Accountability, Innovation, Responsible Citizenship, and Excellence (CLAIRE Values)—demonstrating transformational leadership, integrity, and honesty—alongside Certificates of Achievement for outstanding performances throughout my highschool journey (2018–2022).
