

DUNCAN WANJOHI NDUNGU

Software Developer | Full-Stack Web Developer | API & Platform Engineer

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Portfolio: <https://duncan.lawsuite.co.ke/>

GitHub: <https://github.com/cxfer>

PROFESSIONAL SUMMARY

Full-Stack Software Developer with 4+ years of experience building scalable web applications and digital platforms used by thousands of users. Proven track record of delivering secure, high-performance systems from concept to deployment, integrating APIs, payment gateways, and third-party services. Strong focus on responsive design, system optimization, and cross-browser compatibility to ensure seamless user experience. Experienced working with cross-functional teams to deliver reliable and maintainable digital solutions within defined timelines.

CORE TECHNICAL SKILLS

Web Development:

HTML5, CSS3, JavaScript, Tailwind CSS, Bootstrap, Responsive Web Design

Frontend Frameworks:

Vue.js, React (API integration and component-based UI development)

Backend Development:

PHP (Laravel), RESTful APIs, MVC Architecture, Secure Authentication & Authorization, Familiar with C# and ASP.NET Core fundamentals

Database & Integration:

MySQL, PostgreSQL, Firebase, API Integration, Payment Gateways (M-Pesa, Stripe, PayPal)

Performance & Optimization:

Caching (Redis), Database Indexing, Query Optimization, System Scalability

DevOps & Version Control:

Git, GitHub, CI/CD Pipelines, Docker, Linux (Ubuntu), Nginx

Quality & Testing:

Unit Testing (PHPUnit), Debugging, Cross-Browser Testing, Error Handling & Monitoring

PROFESSIONAL EXPERIENCE

Software Developer | Savanna Fibre Kenya

April 2025 – Present

- Designed and developed web-based CRM platform supporting 1,000+ daily service tickets
- Implemented responsive UI components and integrated REST APIs for web and mobile clients
- Improved application performance by 60% through database optimization and caching strategies
- Integrated SMS and email notification systems using background job processing
- Designed and optimized responsive administrative dashboards with improved usability and reduced user task completion time.
- Ensured cross-browser compatibility and system reliability through testing and monitoring

Software Engineer | Savanna Fibre Uganda

April 2024 – October 2024

- Developed procurement and workflow management web application with complex approval flows
- Built frontend interfaces using Vue.js integrated with Laravel APIs
- Implemented secure role-based access control and authentication systems
- Supported system maintenance, debugging, and feature enhancements

Web Developer | CP Cables Ltd

April 2023 – April 2024

- Developed and maintained eCommerce website with full product catalog and payment integration

- Integrated M-Pesa payment gateway with secure webhook handling
- Implemented responsive design ensuring compatibility across devices and browsers
- Optimized product search and database performance for improved user experience

Freelance Full-Stack Developer

September 2022 – Present

- Built multi-tenant SaaS platform with secure user workflows and API integrations
- Delivered complete web solutions from requirement gathering to deployment
- Integrated third-party services including payment gateways and external APIs

EDUCATION

Bachelor of Science in Information Technology
Machakos University | 2020 – 2024.

Flutter Mobile App Development

Udemy Academy, 2023 -2024.

KEY STRENGTHS

- End-to-end web and mobile application development
- API and third-party system integration
- Responsive and user-focused design implementation
- Performance optimization and debugging
- Strong collaboration and communication skills

REFERENCES

Available upon request.

