

Felix Biwott

Full-Stack Software Engineer

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Professional Summary

Results-driven Senior Software Engineer with over 8 years of experience delivering scalable, secure, and high-performance software solutions. Expert in full-stack development, cloud computing, DevOps, and system architecture. Proven ability to lead engineering teams, implement efficient CI/CD pipelines, and build enterprise-grade products. Adept with Laravel, .NET, Node.js, React, Vue, and cloud platforms including Azure, AWS, and GCP.

Technical Skills

- **Frontend:** React, Vue.js, Next.js, Angular, TypeScript, JavaScript, SCSS, Tailwind CSS
 - **Backend:** Node.js, Express, Laravel, ASP.NET Core, Django, FastAPI, PHP
 - **Databases:** MySQL, PostgreSQL, MongoDB, Redis, SQLite
 - **DevOps & Cloud:** Docker, Kubernetes, Jenkins, Terraform, Azure DevOps, GCP, AWS Lambda, ARM templates
 - **Testing & QA:** Cypress, Jest, PHPUnit, Postman
 - **Automation:** GitHub Actions, GitLab CI/CD, Azure Pipelines, Apache Airflow
 - **Other Tools:** WebSockets, GraphQL, OAuth 2.0, JWT, Kafka, REST APIs, Laravel Queues & Jobs, RBAC
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Professional Experience

Senior Software Engineer

Griffin Global Technologies – Nyeri, Kenya

Jan 2025 – Present

- Developed secure, high-performance APIs with ASP.NET Core and Node.js.
- Built Angular and React frontend apps to deliver optimized UX.
- Managed CI/CD pipelines and infrastructure provisioning with Azure DevOps, Terraform, Docker, and Kubernetes.
- Mentored team of six developers, leading code reviews and enforcing best practices.
- Implemented Cypress tests and led performance tuning initiatives.

Tech Stack: ASP.NET Core, Node.js, Angular, React, Docker, Kubernetes, Terraform, Azure DevOps

Software Engineer

Calltronix Kenya Limited – Nairobi, Kenya

Oct 2022 – Jan 2025

- Developed real-time, scalable systems using Laravel, Python, Vue.js, and React.
- Integrated Redis, WebSockets, and OAuth 2.0 for high performance and secure communication.
- Deployed Dockerized microservices on GCP with Jenkins-managed pipelines.
- Conducted machine learning modeling to improve platform efficiency.
- Championed junior developer mentoring and introduced GraphQL APIs for data integration.

Tech Stack: Laravel, Python, Vue.js, React, Redis, PostgreSQL, GCP, Docker, Jenkins, GraphQL

Full-Stack Developer

Codverts Systems – Eldoret, Kenya (Remote)

Nov 2021 – Sep 2022

- Created Laravel and React/Vue applications for marketing automation and analytics.
- Built custom Laravel packages and real-time services with Kafka and Facebook Graph API.
- Deployed with Docker and AWS Lambda to ensure seamless scalability.
- Led testing using Postman and collaborated cross-functionally on solution delivery.

Tech Stack: Laravel, Vue.js, React, MongoDB, MySQL, Kafka, Docker, AWS Lambda, Facebook Graph API

Laravel/Vue Developer

Shara Solutions – Nairobi, Kenya

Jun 2020 – Aug 2021

- Built full-featured Laravel and Vue.js applications with reusable component libraries.
- Designed REST and GraphQL APIs, secured data access with RBAC and multi-factor auth.

- Streamlined CI/CD using Docker and Nginx for reliable production deployments.
- Enhanced performance via optimized PostgreSQL and MySQL queries.

Tech Stack: Vue.js, Laravel, GraphQL, PostgreSQL, Docker, Nginx, Cypress

Back-End Developer

C Webs Africa – Eldoret, Kenya

Jun 2018 – Jul 2019

- Built secure Laravel-based backends for NGOs and SMEs.
- Implemented modular APIs, RBAC, and automated data pipelines using Laravel Jobs.
- Utilized AWS Lambda for compute-intensive processes.
- Used Docker for consistent development and deployment workflows.

Tech Stack: Laravel, MongoDB, MySQL, AWS Lambda, Docker, PHP, WordPress

Education

Bachelor of Science in Computer Science

University of Eldoret, Kenya | 2012 – 2017

Certifications & Training

- Microsoft Certified: Azure Developer Associate
 - AWS Certified Developer – Associate
 - Docker & Kubernetes Bootcamp – Udemy
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Personal Projects

- **Tour Booking App:** Laravel + Nuxt.js app with Google Cloud deployment, social login, and booking features.
- **MatchOracle:** Sports analytics platform with ML models, CI/CD, and microservices architecture.
- **MERN E-Commerce App:** Authenticated shopping platform with PayPal integration and Redux state management.