

FELIX BIWOTT

Full-Stack Software Engineer

@felixkpt@gmail.com

Nairobi, Kenya

in felixkpt

github felixkpt



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, Python, Node.js, React, Vue, and cloud platforms including Azure, AWS, and GCP.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Griffin Global Technologies

Jan 2025 – Present

Nyeri, Kenya

- Developed secure, high-performance APIs with ASP.NET Core, Java, and Node.js.
- Built Angular and React frontend apps to deliver optimized UX.
- Led internal CRM dashboard project using React, Node.js, and PostgreSQL.
- Designed scalable microservices to support growing product demands.
- 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 optimized backend services for better performance.

ASP.NET Core

Java

Node.js

React

Angular

Docker

Kubernetes

Terraform

Azure DevOps

PostgreSQL

Software Engineer

Calltronix Kenya Limited

Oct 2022 – Dec 2024

Nairobi, Kenya

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

Laravel

C#

Python

Vue.js

React

Redis

PostgreSQL

GCP

Azure

Docker

Jenkins

GraphQL

TECHNICAL SKILLS

★ Frontend

React, Vue.js, Next.js, Angular, TypeScript, JavaScript, SCSS, Tailwind CSS

★ Backend

Node.js, Express, Laravel, ASP.NET Core (C#), Java, 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

EDUCATION

BSc. in Computer Science

University of Eldoret

2012 – 2017

Kenya

CERTIFICATIONS



Microsoft Certified: Azure Developer Associate





AWS Certified Developer – Associate



Docker & Kubernetes Bootcamp – Udemy

Full-Stack Developer

Codverts Systems

-  Sep 2021 – Oct 2022
-  Remote – Eldoret, Kenya
- 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.
 - Automated deployments using Docker and AWS Lambda, maintaining CI/CD processes.
 - Led testing using Postman and collaborated cross-functionally on solution delivery.

Laravel

Vue.js

React

MongoDB

MySQL

Kafka

Docker

AWS Lambda

Facebook Graph API

Laravel/Vue Developer

Shara Solutions

-  Jun 2020 – Aug 2021
-  Nairobi, Kenya
- 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 pipelines and managed containerized deployments with Docker and Nginx.
 - Enhanced performance via optimized PostgreSQL and MySQL queries.

Vue.js

Laravel

GraphQL

PostgreSQL



Docker

Nginx

Cypress

Back-End Developer

C Webs Africa

-  Jun 2018 – Jul 2019
-  Eldoret, Kenya
- Built secure Laravel-based backends for NGOs and SMEs.
 - Implemented modular APIs, RBAC, and automated data pipelines using Laravel Jobs.
 - Utilized AWS Lambda and Docker for deployment and workflow automation.
 - Improved deployment reliability and consistency across environments.

Laravel

MongoDB

MySQL






AWS Lambda

Docker

PHP

WordPress

PERSONAL PROJECTS

- **Tour Booking App**
Laravel + Nuxt.js app with social login, Google Cloud deployment.
- **JobMaster AI**
Full-stack job application assistant using Angular 17, .NET 9, and OpenAI. Features include AI resume analysis, job matching, GPT cover letter generation, JWT auth, and DOCX downloads. Deployed on Azure with Swagger-documented API.
- **Employee Tracking System**
Field staff tracking platform built with Node.js, PostgreSQL, React, and AWS (S3, EC2, CloudFront). Includes RESTful APIs, dashboards, Dockerized deployment, and reduced monitoring time by 40%.
- **MERN E-Commerce App**
Authenticated shopping app with PayPal integration and Redux.
- **MatchOracle**
Sports analytics platform with ML models, CI/CD, and microservices.

LANGUAGES

English

Swahili