Kelvin Kipchumba

SOFTWARE DEVELOPER

Westlands. Nairobi, Kenya

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"Software is a great combination between artistry and engineering."

Summary

Passionate Software Developer with a flair for building and optimizing the performance of user-centric, high-impact mobile and web applications. Skilled and motivated developer with strong OOP (Object Oriented Programming), Software Development Life Cycle and the Clean Architecture concepts. Strong presentation and problem solving skills; and I respect deadlines.

Skills

Back-end Laravel, CodeIgniter, WordPress,Flutter, Firebase
Front-end Vue.js, Bootstrap, HTML5/ CSS/JavaScript
Languages Java, PHP,SQL
DevOps Git, GitHub, Linux deployment (AWS, Linode, GCP), Heroku, Codemagic

Work Experience

Medbook Kenya Limited.
Nairobi, Kenya

SOFTWARE DEVELOPER
Feb. 2022

- In this role, I worked on MED360 hospital a management system by providing software support, debugging , adding new features , implementing the software at various Hospitals in Kenya ie Bliss, Kerugoya medical hospital, Case Uganda , Camedlynks among others.
- Development and Customization of the MEDBOOK Kenya Limited Website

Buy Domain Kenya, Nairobi.
Nairobi, Kenya

SOFTWARE DEVELOPER INTERN
March. 2021 - May. 2021

- In this role, I worked on applications for startups such as M-gari, Prism Health, the eRevenue application, a shipping tracking web application and the UN sanctions web application.
- I was responsible for developing web and mobile applications for Buy Domain Kenya clients and building secure web APIs for application backends.
- Additionally, I helped maintain existing applications, both in-house and client owned products.

Adams Group Of Companies, Nairobi Riverside.
Nairobi, Kenya

SOFTWARE DEVELOPER
Feb. 2020 - Oct. 2020

- Helped create a fully functional web app for Adams Group Of companies. A freelance marketplace platform.
- Helped conduct the market research to assess the ideas' viability in the market.
- Lead developer for the company's mobile app.
- Built fully automated CI/CD pipelines on Heroku for containerized applications using Docker and GitHub.

Freelance.
Nairobi, Kenya

SOFTWARE DEVELOPER
January. 2021 - Present

- Built different solutions to business challenges ranging from on-demand, loan management systems, school management systems, golf club, to QR code apps.
- Built and implemented RESTful APIs for clients' applications using Spring Boot and Laravel.

Lanstar Technologies
Nairobi, Kenya

SOFTWARE DEVELOPER INTERN
Sept. 2020 - Nov. 2020

- Helped in maintaining software and handling existing clients' software issues.

Projects

Hospital Management System for BHCS, INC
Website

WEB DEVELOPER
April. 2021 - May. 2021

- Built a fully custom hospital management web application for Better Home Care Services, Inc that enables the organization to easily manage patients and employees across their two branches.

Blood Bank Management System *GitHub*

LEAD DEVELOPER   *Nov. 2020 - Jan. 2021*
- Worked in conjunction with a friend to come up with a blood bank management system.
- Built a multi-user authentication module using custom guards.
- Built a notification module for the app that sends SMS notifications to users on successful account creation and donations, SMS alerts to donors and clinics in a specific area in case of an emergency, and scheduling SMS alerts to donors a day before their next donation date.

USSD App *GitHub*

LARAVEL, MYSQL, AFRiCASTALKiNG APIS   *Nov. 2020*
- Created a USSD REST powered app in Laravel that enables users who do not have access to the internet to get meaning, synonyms, and usage examples to words they input via their mobile phones.
- The app consumes the Oxford Dictionary API to get the meanings and uses the Africas Talking USSD gateway and SMS APIs.

On-demand Vehicle Repair Web App *Website*

LARAVEL, MYSQL   *July. 2020 - August. 2020*
- Built a simple web app using Laravel and MySQL backend that connects vehicle owners to mechanics near them, and request for their services.

Covid-19 Statistics and Awareness Mobile App *GitHub*

FLUTTER, APIS   *July. 2020*
- Built a COVID-19 mobile app that displays Covid-19 symptoms, preventive measures and statistics by country and worldwide.
- Done with Flutter, the app consumes two APIs: disease.sh APIs to fetch the statistics and restcountries.eu API to search for countries.

On-demand Vehicle Repair Mobile App *GitHub*

FLUTTER, FiREBASE   *May. 2020*
- Built the entire front-end for a vehicle repair mobile app using Flutter and a Firebase back-end to support it using BLoC pattern to architect the app.

Loan Management System *Website*

CODEiGNiTER PHP, MYSQL, AFRiCASTALKiNG APIS   *April. 2020*
- Built a loan management system to help my client's business manage and track loans given out.
- Some of the features include SMS notifications on loan approvals, SMS reminders when the due date is approaching and providing other useful accounting functionality like interest calculation, partial payments and custom penalties for late payments.

Various Web APIs *GitHub*

JAVA, SPRiNG BOOT
- Built REST APIs to manage various resource sets like (topics and courses), (countries, stores and customers) and used Spring Security to secure the APIs.

Education

Zalego Academy *Nairobi, Kenya*
DiPLOMA iN IT *Graduated in: SEP. 2020*