

ODHIAMBO COLLINS OMWAGA

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GitHub Profile: <https://github.com/omwaga>

BACKGROUND INFORMATION

I am a dedicated Software Developer with strong passion in using computer science and engineering technologies in solving day-to-day life problems. My main objective is to use computer science technologies to improve organizational throughput by making processes efficient and effective. I have vast experience in full-stack software design and development with hands-on experience in programming with *Java*, *PHP*, *Python*, *JavaScript*, among many other computer languages.

PERSONAL DATA

Gender: Male

National ID: 33583330

Place and Date of Birth: Migori, Kenya | 18th December 1996 Address: 33, 40401, Karungu, Kenya

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SUMMARY QUALIFICATIONS AND RESPONSIBILITIES

- More than 4 years of professional software development.
- Programming Languages: PHP, Python, Java, Javascript, CSS, HTML, C++. •Database Management Systems: Experience in Database Development and management of Relational Databases, (MySQL Database), Oracle Database , MongoDB, Postgresql, SQLite.
- Database Administration: Microsoft SQL Server
- Development Frameworks: Laravel, Vue Js, Twitter Bootstrap, Bulma CSS • Software Testing.
- Software Development Methodologies: Agile(Scrum/Kanban), Test Driven Development(TDD).
- Excellent communication skills.
- Working knowledge of several IT applications and ability to learn new software

WORK EXPERIENCE

Full Stack Engineer at Mr Green Trading Africa February 2020- June 2021

I worked as a Software Developer where my responsibilities involved the following:

1. Building Restful APIs to connect the company's mobile apps to the Odoo ERP.
2. Building and maintaining the organization's loyalty program system(using python Django Framework).
3. Building connector web application between the organization's mobile apps and serverless applications(using Ruby on Rails)
4. Managing Amazon Web Services using terraform for serverless applications and web-based applications.
5. Configuring Continuous Integration and Continuous Delivery pipelines using Jenkins Build Tool.
6. Building Microservices and serverless applications using Java Micronauts Framework to connect Mobile applications to the Odoo ERP.
7. Building user-friendly Mobile applications for the end users to be able to use the Odoo ERP(using Kotlin)
8. Conducting trainings for the end users

Software Developer at Indepth Research Institute - Nairobi June 2019 –

February 2020

I worked as a Software Developer where my responsibilities involved the following:

1. Development of the Organization's Training Management Website for easy course scheduling and Registration for both Kenya and Rwanda.
2. Design and development of software including ERPs. Software development in Java, PHP (Laravel Framework), Python(Django Framework).
3. Developing the Organization's career portal using PHP Laravel Framework for the back-end functionalities and Vue Js for the front-end.
4. Training various organizations on software design and development and database administration skills.
5. Commissioning, implementation and Maintenance of developed software at clients' sites.
6. Developing the Organization's Online learning platform using Moodle and WordPress Edwiser Bridge.
7. Maintaining the Organization's Rwanda website that's running on Joomla.

Web Developer at Ravine Foundation - Nairobi, Kenya August 2018 -

December 2018

I worked as a Web Developer where my responsibilities involved the following:

1. Designing and developing the organization's website using the PHP Laravel Framework.
2. Modification and updating of the organization's website to meet the user's needs.
3. Configuration, administration, development and automation of the organization's Cloud-based salesforce enterprise edition for program support, donor management and to support monitoring, evaluation and data visualization tasks.
4. Office 365 suite administration including set up of new users.

TRAINING EXPERIENCE

1. Training on Database Administration using MS SQL Server Course for the Kenya Roads Board(KRB).
2. Training on Website Design and Development using CMS(Wordpress and Joomla) for the Gambia National Water And Electricity Co.Ltd (NAWEC)

VOLUNTARY WORK

Global Goodwill Ambassadors Kenya (GGA) - Nairobi, Kenya January 2019 – September 2019

I worked as a Social Media Manager with responsibilities that involves; Creating, analyzing and engaging with content posted on social media platforms including Facebook, LinkedIn.

EDUCATION

Bachelor of Science in Computer Science,
Masinde Muliro University of Science and Technology - Kakamega,
Kenya (2015-2019)

RESEARCH INTERESTS

Full stack software Development, Machine Learning, Data Mining, Software Engineering, Artificial Intelligence, Deep Learning and Machine Learning Tools optimization, Cloud Computing, Computer Vision, Pattern Recognition, Laravel Framework, VueJS, .

REFEREES

Charles Okoyoh
Phone: 0702717945
Email:charlesokoyoh@gmail.com
Software Engineer at Andela Kenya

Kennedy Wanyonyi
Phone: 0725012095

Email: wanyonyiken@gmail.com

Research and M&E Learning Advisor at Indepth Research Institute

Gladys Mkamburi

Phone: 0724030368

General Manager at Ravine Foundation