

Kirumira Isaac

Software Engineer

A forward-thinking Software Engineer with over eight years of professional experience and a background of working effectively in dynamic environments; fluent in PHP-LARAVEL & related technologies developing and sometimes managing all aspects of the development process for small to medium to large-sized companies. A proud team player focused on achieving project objectives with speed and accuracy.



Work History

2019-04 -
Current

Software Developer

Genius Concept Technologies Ltd, Kampala, Uganda

- Designed, implemented, tested and hosted a number of Laravel APIS Using TDD ,Git and Github for version control and deployments on AWS EC2 ,S3 bucket using CI/CD.

Some of the systems developed At Genius Concept Technologies Uganda Ltd

- Orion School management system API with Admission, Accounts,Library,Students grading,Report Card generation and bulk sms to parents.
- Planned, designed,implemented,tested and hosted Twegate Sacco management API,Laravel With TDD, where used as well as Git and Github for version control ,Hosting made on AWS EC2 with Code Pipeline.
- Planned, designed, implemented, and tested Point of Sales using TDD with Laravel & CI/CD and front end development done using Bootstrap, Ajax & PHP with Curl to hit the API End points and , Hosted on Amazon EC2, and Amazon RDS.
- Implemented and deployed Mismatch Dating Website with Real time chat experience and the technologies, Used include,Laravel-Sail,AWS,S3 Bucket, Bootstrap,



Contact

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Skills

Database management
software

Web-based software

engineering

Algorithm implementation

Engineering standards

Software applications

Agile

Code Review

Ajax for Real Time ,PHP WITH CURL to make API Calls, and MySQL on AWS RDS.

- Planned, developed, tested and deployed a meal ordering system with Laravel backend.
- Supported software integration and implemented maintenance enhancements.
- Developed and hosted an API for Kampala Institute of health professionals which is a medical school, Hosted it on AWS EC2, S3 Bucket and AWS RDS.
- Analysed and resolved bugs in the grading system of Muteesa 1 Royal University Academics Results Management system.

2016 -
2017

Software Instructor

Techno Brain New Horizon

- Trained a team of IT professionals from Ministry of finance in Uganda and the training was mainly Share point 2013 for a period of 3 months and another group from Stanbic bank still in Share point 2013.

2014 -
2016

Junior Lecturer

Muteesa 1 Royal University

- Trained over 500 students in software Engineering with in a period of 2 years and many students developed the spirit of coding and facing challenges due to my hands on skills.

Sample open source systems done

Dating Site.

<https://desolate-sands-32346.herokuapp.com/>

Meal ordering system.

<https://limitless-temple-92356.herokuapp.com/>

Program Testing Software

Vanilla PHP & Bootstrap

Laravel Back End With TDD

VB.NET Desktop Apps

CI/CD With AWS EC2 ,S3 & RDS

Laravel Websockets

2018

Software Engineer

Comp consult Uganda Ltd

- Worked along with a team of other software Engineers do design, test and deploy a real estate management system for Leading estates Uganda Ltd, the back end was implemented in Laravel, hosted on AWS EC2 instance, AWS S3 bucket used to store files and a code pipeline was setup with Git Hub to deploy every change pushed to the Github repository and the front end done in Vue JS and hosted on Heroku cloud.

2018 - 2019 Software Engineer

New Soft(u) Ltd

- Developed and deployed Smart party app which is an app used for events such as weddings to conduct remote meetings and pledges, the backend done in Laravel with TDD, tested and hosted on Amazon AWS using , Amazon S3 Bucket was used to store media files, the site was then packed to an APK file using a website called app my site <https://www.appmysite.com/> so that mobile users can just install the app.
- Developed a website for Delta Link Investments a company making concrete electrical poles in Uganda <http://delta-linkinvestment.com/>, Technologies used where HTML5, CSS, Javascript and Vanilla PHP, hosted it on New Soft(u) Ltd dedicated server.
- Developed and deployed a Human Resource management system using Bootstrap ,php Javascript for Buganda Royal Institute, hosted it on Amazon cloud service.
- Implemented a mobile app for New Soft(U) Ltd where clients can subscribe to bulk sms.
- Developed and deployed a mock results grading system for secondary school in Kasese, Fort Potral, Hoima, Kagadi, Lwimi districts, the backend done in Laravel and Front End done Using Bootstrap, Ajax, PHP with Curl and Hosted it to New Soft(u) Ltd dedicated server while backend hosted on Amazon EC2 instance & RDS with S3. Git and Github used for version control, the development & deployment done as a team with other four Software Engineers from New Soft(u) Ltd and collaborated using Slack.



Education

2010-08 -

Bachelor Of Science In Software Engineering

2014-14

Muteesa 1 Royal University - Kampala



Languages

English



Interests

Watching movies