

# Ngeyen Victory

SOFTWARE DEVELOPER · FULL STACK DEVELOPER

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*An enthusiastic Python developer with extensive training in various coding languages, frameworks, and building web applications from the ground up with the willingness to master single page Apps and NoSQL.*

## Experience

### Tega

*Kigali, Angular & Python*

FULL STACK DEVELOPER <CO-FOUNDER>

*September, 2022 - Present*

- Designed components, higher order components, reusable hooks and utilities in.
- Developed and leaded the backend for the project using Django Rest Framework. Managed infrastructure and application security.
- Creating mature, unambiguous coding standards team of 3 devs that improved consistency and maintainability across different code repositories.

### PAC-LAB HITMS

*Cameroon - Remote, Python & Vanilla JS*

SOFTWARE DEVELOPER <PYTHON DEVELOPER>

*July, 2022 - Present*

- Deploy and maintain internal applications on Google App-engine on a daily basis.
- Developed Student Portal for Easy access to marks, courses and invoices in Django.
- Authored an functional Student Application system using Python/Django.
- Authored a custom admin portal for easy management of student information in Python.
- Currently developing a Learning management system in Angular and Django.
- Optimizing Django Queries resulting in minimization of the average django server response time by 64%.
- Connected multiple Django projects to share the same database. Leading to high consistency across the system

### Imperial College London,

*London - Remote, Python*

DATA ENGINEER <PYTHON DEVELOPER>

*July, 2022 - Present*

- Extracted and ingested data from 78 websites using beautiful soup and scrapy crawler.
- Developed custom spiderbots to perform complex google search operations.
- Compiled and Structured large datasets into Hdf5 format.
- Developed tools to ease downloading of videos, pdfs.
- Automated the compilation of data into multiple formats.
- Performed several root cause analysis on processes to improve performance of tools.

### BB Incubator

*Cameroon - Remote, Python & Vanilla JS*

SOFTWARE DEVELOPER <SITE RELIABILITY ENGINEER>

*March, 2021 - August, 2022*

- Fixed cases related to support escalation. Improving stability of the site.
- Worked with mentees to setup online profiles.
- Authored BB Incubator website. With an Application system for new mentees.
- Responsible for site availability, latency, performance, change management and emergency response.
- Developed data collection policies. Served as a decision-taking tool for executive management.
- Integrated google analytics and microsoft clarity. Increasing efficiency in advertisement.
- Designed and modeled database tables and relations with PostgreSQL.

### Befa language

*Kigali - Part-time, Typescript & Python*

SOFTWARE DEVELOPER <PYTHON DEVELOPER>

*Nov. 2019 - Jan. 2022*

- Performed research to explore and identify new technological platforms.
- Authored and secured APIs development using OAuth and JWT.
- Developed a Customer Relationship management app using Python/Django.
- Contributed to mobile app using Flutter and Python/Django. Improved user experience and response times.
- Developed a learning management app using Angular and Django Rest Framework.
- Designed and modeled database tables and relations with PostgreSQL.

## Rise to Shine Company

CONSULTANT <IT ADMINISTRATOR>

Kigali, Part-time

Oct. 2018 - Present

- continuously trained new IT staff to manage and maintain IT Equipments.
- Identified, Repaired and maintained damaged computer parts.
- Ensured internet connectivity is operating at acceptable bandwidths.
- Created user accounts and performing access control.
- Performed diagnostic tests and debugging procedures to optimize computer systems.
- Helped in the procurement of \$7000 worth of laptops.
- Upgraded, installed and configured new hardware and software to meet company objectives.

## Google Developer Students Club, KIM University

LEAD FACILITATOR <DSC LEAD>

Kigali - full-time, Python, C++, &

JavaScript

September. 2019 - September. 2020

- Mobilized students and faculty to pioneer the first tech club with a permanent practice Lab.
- Collaborated with HOD to host 6weeks Arduino and python bootcamp, significantly increasing overall interest in programming and IOT within the community.
- Help increase women participation rates in weekly meetups through effective sensitization.
- Organized trained students in Web technologies and mobile application development.

## Education

### University of Kigali (UoK)

B.S. IN COMPUTER SCIENCE

Kigali, Rwanda

Dec. 2020 - Dec. 2022

- Meetup organizer for iCode
- Final year student of computer science.

### KIM University

B.S. IN COMPUTER SCIENCE

Kigali, Rwanda

September. 2017 - December. 2020

- A liaison between computer science students and the department.
- Lead the creation of the first coding club on campus.

## Projects

- |      |   |                                   |
|------|---|-----------------------------------|
| 2021 | <b>Angular13 &amp; Python</b> , Developed a data management system for Alumni and current students in Angular | <i>WHT Data management System</i> |
| 2019 | <b>Python/Django</b> , Full stack crowd-funding API in Python, with OpenAPI documentation in swagger          | <i>Co-Raise</i>                   |
| 2018 | <b>C# &amp; .Net</b> , Car sales management system with CRUD functionalities in C#                            | <i>CSMS</i>                       |