

Grace NSHOKANO BIRINDWA

Curriculum Vitae

Address: 355 Street, Q.Kibagabaga, C.Kigali

Country: Republic of Rwanda

Tel: +250 780 869 394

Skype: grace birindwa

E-mail: birindwan@gmail.com

Gitbut: github.com/graceDev1

Date of birth. June 06, 1991

Sex: Male

Country of origin: Democratic Republic of Congo (D.R.C)

Nationality: Congolese

Marital status: single

SKILLS

Mastery of programming language Java, JavaScript, Python:

- In java, I've make Desktop applications to manage payment notation od a school and mobile that you can check on my github,
- In JavaScript, it as language I use more in the front-end od my sites, and a basic knowledge of the Angular Framewor,
- With Python, I master the Django Framework, I have two projects on my git: pyshop which is fruit e-commerce website and virtual library, and flask framework, there is basic webapp that I did for my flask training.

Knowledge in stack MERN, which stand for Mongo Express React and Node JS:

- Have built simple shopping list website base on MERN, which means nodejs express on backend connect to mongodb, and ReactJs on frontend. Authentication and all other staff were handle in the backend with jwt (JavaScript web token) for getting token authentication; So my tasks was to handle authentication and shopping list in both site (backend and frontend). For running bother backend and frontend at the time, we've used concurrently node package.

Knowledge in Django rest api framework and ReactJs, Webpack and Babel on frontend:

- I have working on a forum website, and tasking was to build a fullstack website in Django rest framework in the backend and ReactJs in the backend. In that way, I've made webpack and babel configuration for running React Js in the Django frontend Application. So my tasks on detail were to: manage users authentication, lawyers

Mastery and advanced knowledge of analysis methodology:

- Merise was the first analysis method I could use for the analysis and database design of the school management application and the state REGIDESO,
- Then I passed on UML with the UP (Unified Processing) method; it was useful for the modeling of mobile application, and even on the websites I made with the Django Framework.

Knowledge in the development in the development of Mobile applications:

- For my end of study work, I made a mobile application for diabetic follow-up, mydi that you can check on my github. The application provides information on diet, sports activities that the diabetic has to observe. It also provides the user with the user with a possibility to enter information on blood sugar levels and puts them in contact with a doctor if necessary.

Also masters RESTFULL Applications with PHP and with Django Framework:

- During my android training, we were able to develop an Android application that stores data in SQLite if the mobile device has no internet connection and if it is connected to the internet it synchronizes the data in MySQL with a PHP REST API.

Angular JavaScript framework:

- I have never done a professional project with angular, just personal project such as blogpost, todolist.

Reactjs framework:

- I'm working on a chat application with react js and Django rest api in backend and I've worked on other react js project that you can check on github.

WORK EXPERIENCE

February 2016 to April 2016 **Position: Programming Consultancy**
Company: REGIDESO Goma/ DRC

RESPONSIBILITY:

- Analysis, design and coding of the provisional budget management system in the Java programming language, using MERISE as the analysis method and a MySQL server database, in the REGIDESO Budget Department,
- Training of Budget staff in the use of the new computerized budget management system.

ACHIEVEMENT:

- Design of the budget forecast database in MySQL server. This database stores information on the budgetary movements of the REGIDESO.
- Programming of the automated management system for the movement of provisional budget in Java, which allows recording, calculating and managing the annual, monthly and daily reports of the REGIDESO's budget movement.
- Training of Budget service agents on the use of the application which lasted 2 days.

July 2017 to September 2017 **Position: Programming Consultancy**
School: Amani High School, Goma

RESPONSIBILITY:

- Analyze, design and code a payment management system. We were able to perform these tasks using Merise user as analysis method, MySQL server as database management system to design the database and Java programming language to realize the desktop application,
- Analyze, design and code a library management system for the Lycée amani library. We used the same tools as in the previous application.

ACHIEVEMENT:

- Analysis and design of the database that stores student payment information and design of another database that stores library movement information with MySQL Server,
- Programming of a desktop application for payment management while connecting to MySQL server in Java
- Programming of the desktop application for managing the library in the java programming language and connecting to the MySQL database, which will allow managing automatically the library movement: imprint, book restitution as well as the recording of the library's book movement.
- The training of the agents lasted 4 days, one day to train the librarian in the use of the library management application; two days to train the school secretary in the use of the payment management application and one

day to train the senior sister in the use of the payment management application to generate reports on student payments.

**December 2019 to
January 2019**

**Position: Programming Consultancy
Organization: Fondation Kalehe Kwetu**

RESPONSIBILITY:

- Analyze, design and program the website that will allow funders to see the evolution of the foundation's activities, in the language of my choice, the site will be a showcase.
- Website hosting at Amazon Web Service (AWS),
- Training of the website administrator.

ACHIEVEMENT:

- Analysis and model design of the website design to MySQL server, which will allow to store information about the foundation's activities,
- Design of the website with the Django Framework, which gives information about what the foundation is, administrator will be able to post pictures and comments about the activities carried out and gives the possibility to the visitors on site to contact the foundation with their email address,
- Training of the foundation's computer scientist in the administration of the site for 2 days.

TRAINING

In 2011: English language training organized by the Light English Center in Bukavu, DRC, with the following content:

- English for beginners,
- Intermediate English,
- Technical English.

In 2017: CCNA I and CCNA II network training organized by CISCO at the Higher Institute of Information and Management in Goma and which had as content :

- General information on the network,
- Cisco network equipment,
- IP addressing calculation,
- Basic router configuration,
- Routing protocol OSPF and RIP.

In 2018: Training and patent holder in Mobile Programming with Android on the online platform Plurasight and that before as a plan:

- Java language basics
- Android development tools
- Building your first android application
- Testing and debugging Android apps
- Data management in Android apps

- Notifications
- App widgets
- Building user interfaces

LANGUAGES

Nº	Languages	Written	Spoken
1.	French	Perfectly fine	Perfectly fine
2.	English	Pretty good	Pretty good
3.	Swahili	Perfectly fine	Perfectly fine

OTHER SKILLS

- Excellent in public speaking and communicating to a variety of audiences.

❖ PERSONAL QUALITIES

- Personal commitment to results,
- Sense of responsibility, ability to create, plan and lead projects, ability to introduce a good team spirit and work around the values of the organization, good interpersonal relations, good strategic thinking,
- Hobbies: Volleyball, Running...

REFERENCE PERSONS

	Names	Positions	E-mail address	No. Contact
	Bachou Anouar	Logistician at Warrior Security	anouarbachoo@gmail.com	+243 978 331 234
	ALAIN LINGA	ICT at MONUSCO Goma DRC	alainl@un.org	+243 810 870 218
	NDAYE YASSINE	Assistant at the Institut Supérieure d'Informatique et Gestion (Higher Institute of Informatics and Management)	yacindaye@gmail.com	+243 972 727 228

I swear on my honor that the information provided above is true and correct

Done at Kigali, April 09, 2020

Grace NSHOKANO BIRINDWA