

GISELE MEKUATE-DEFO

SOFTWARE ENGINEER

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NATIONALITY: CAMEROONIAN

I. KEY QUALIFICATIONS:

Software development: a significant knowledge of technology stack and API for developing added value software of organisation through an iterative process and agile methodology.

Databases Management: knowledge in creating, administering and querying Mysql server 5 and PostgresSQL databases.

System administration: knowledge in remote server administration, mainly Ubuntu Linux and windows Server, with clear implementation of security policy, deployment of applications and software packages. Familiar with virtualisation and docker container implementation.

Project Management and Teamwork: ability to work proactively within an agile IT team environment and get things done on time with respect of requirements and results oriented.

Clear Communication with Diverse Audiences: academic and technical writing, editing, user- friendly documentation, blogging, written and spoken communication in English and French.

2. EMPLOYMENT RECORD (5 YEARS+):

From Mars 2016 To June 2016: Young African Leaders Initiative (YALI) Participant Cohort6

From Jan 2016 to Present: Technology Entrepreneur. Committed to develop a digital agency delivering web development and data management to individuals, Organisations and NGOs at mekuate.com

From May 2016 To August 2016: Website Consultant

Regional Agency for Agriculture and Food (RAAF), Lomé, Togo. araa-raaf.org

- **Planned, Designed and Developed** the website on Climate-Smart Agriculture in West Africa under the implementation of the NEPAD Climate Fund for Regional Economic Community of West African States (ECOWAS) with Drupal and Mysql Technologies. The developed website is available at climatechange.ecowas-agriculture.org

From Feb 2015 To Feb 2016: IT Young Professional-PI (01 year)

USAID/West Africa ITC Young Professional in mission at the Economic Community of West African States (ECOWAS), Abuja, Nigeria, ecowas.int

- designed, developed and maintained the website of the Directorate of agriculture, ecowas-agriculture.org on the Drupal platform with Mysql database;
- managed cloud server on Linux (Ubuntu distribution) by maintaining software packages, securing web servers and application solutions, and providing access account to users when required;
- developed the data visualisation application for regional projects under the implementation of the Agricultural Policy of West Africa with Tableau Public;
- developed engagement of stakeholders through website content and social media publication, targeted emailing lists;
- participated in many conferences, forums and workshops in order to promote activities through communication platforms (website, social media, mailing list).
- supported staff on IT related issues like PC recoveries, wireless networks, configuration, software installation and assisting in use.

From Oct 2013 To Oct 2014: Volunteer (01 year)

USAID/West Africa ITC Volunteer in mission at ECOWAS, Abuja, Nigeria, ecowas.int

- Developed and implemented social media strategy of the Directorate
- operationalised and maintained web applications into a remote ubuntu server
- participated in the meetings related to IT strategy
- supported staff on technical issues related to IT

From Jan 2013 To Oct 2013: IT Project Manager (09 months)

Cinema Numérique Ambulant (CNA), Yaounde, Cameroun, cna-afrique.org

- coordinated work of two (02) IT developers in the monitoring and evaluation dedicated software of the organisation as a team leader working with agile methodology for planning and follow-up;
- was been involved in the development of the M&E dedicated software of the organisation by drafting the technical specification, coding in C# and Microsoft Framework with a PostgreSQL database for queuing data and testing the solution;
- trained staff on the dedicated M&E software application with travel missions on the seven (07) African countries where the organisation has offices.
- Supported staff in IT related issues into a networked environment

From Aug 2010 To Dec. 2012: IT Developer (02 years)

World Engineering Consulting SARL, Yaounde, Cameroon, wec-sarl.com

- drafted technical specification of clients' requirements under software development projects;
- was been involved in developing geographic information system of the Ministry of Tourism of Cameroon, The Touristic Map of Cameroon, with PHP technology and framework, map server and PostgreSQL databases;
- was been involved in the design and development of the intranet of the Inter-professional council of Coffee and tea in Cameroon in order to follow up activities in terms of annual productions and provisions of all registered producers within the organisation;
- trained clients on how to use software implemented and installed.

3. EDUCATION:

Master's degree with honour in Computer Science, University of Picardie Jules Vernes, France, 2013

Bachelor's degree with honour in Software engineering and Databases Management, Institute of Technology Siantou, Cameroon, 2012

4. TECHNOLOGIES:

Methodology: Merise, UML, Scrum Methodology

Website Technology: Drupal Content Management System, Jekyll Static Site Generator

Databases Management System: Mysql Server 5.1, PostgreSQL, Microsoft Access

Server Administration: Ubuntu Server, Debian, Windows Server

Programming Languages: Java, Android, C# and VB.net

Data Analysis Tools: Google Tableau Public, Inzight, Open Refine, Microsoft Excel

5. LANGUAGES:

English: Good working knowledge in speaking, reading and writing

French: Excellent in speaking, reading and writing (mother tongue)

6. REFERENCES:

- **Mr. Alain Sy Traoré**, Director of Agriculture and Rural Development at Economic Community of West African States (ECOWAS) Commission, Phone: +234 08032596402, atraore@ecowas.int
- **Mr. Moukam Géovani**, IT project Manager at World Engineering Consulting, Phone: +237 674164844, moukamgeovani@yahoo.fr
- **Madame Stéphanie Dongmo**, Communication Officer at «Cinéma Numérique Ambulant Afrique», Phone: +237 675117662, stephiedjuka@yahoo.fr