NGANDEU TELEU ALLEN GEORGES

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Goal

As a passionate Software Engineer my goal is to help build amazing products that give quantifiable value to customers. From my experience working with companies, I have learn that the most valuable service I can provide to a company is a well-tested process that allow me to go from development to production quickly. Developing new feature is nice but being able to consistently deploy new features to production, quickly rollback to a previous working system in case of a problem is the key. This is why every day I am working in this direction, building and enhancing CICD pipelines. I will be very happy to join a team of devops engineer responsible for the delivery and maintenance of a product or a service and implementing the GITOPS workflow to maintain the service available.

Résumé

I am a Fullstack DevOps Engineer with a solid background in web development engineering. I have been doing software engineering for 7 years now. I have been involved in all the area of software engineering day to day work: gathering requirements with agile or non-agile method, software analysis, software design, software building, software testing, software maintenance and software documentation. During my software engineering mastering journey, I have worked with various web technologies. I have built web application with JAVA SPRING BOOT, PHP LARAVEL, PHP SYMFONY, PYTHON FLASK, PYTHON DJANGO, NODE, JAVASCRIPT, TYPESCRIPT, REACT, JAVASCRIPT ANGULAR, and JAVASCRIPT VUEJS. I have a good experience with all those technologies but I have decided to go deeper with two programming language: JAVASCRIPT and PYTHON. Because my end goal is to go from development to production as quickly as possible, I dedicated my time to learn development and deployment technologies: GITLAB, GIT, TERRAFORM, ANSIBLE, DOCKER, KUBERNETES, AWS, DIGITALOCEAN and ARGOCD. During my day to day job I use: REACT, JAVASCRIPT, TYPESCRIPT, NODE, DOCKER, KUBERNETES, GITLAB, MONGO, TERRAFORM and ANSIBLE.

Résumé of qualifications

- Software requirements information gathering using agile methods or standard methods of the unified process.
- High and low fidelity mockups with BALSAMIQ and ADOBE XD
- Setup of professional development environment with VAGRANT and DOCKER
- Development of front end rich interface with HTML5, CSS3, JQUERY, JAVASCRIPT, BOOTSTRAP3, BOOTSTRAP4, MATERIAL UI
- Usage of front end automation technologies GRUNT, WEBPACK, GULP,
- Development of frontend applications with ANGULAR 13, VUEJS2 and REACT 18

- Software design with UML2 : perfect understanding of object oriented programming concepts : class, object, abstract class, encapsulation, aggregation, composition
- Good knowledge of design pattern and their integration into software project for easy extensions of functionalities.
- Web development with LARAVEL 5, FLASK, DJANGO, EXPRESS, NODE, JAVA-SPRING, SYMFONY, ASP.NET CORE
- Familiarity with relational and object database : POSTGRESQL, MYSQL, MONGO, REDIS
- Development of secure API with PHP, JAVASCRIPT, PYTHON. The technologies used are : LARAVEL5, NODEJS, EXPRESSJS, MONGO, SAILSJS, DJANGO, FLASK, JAVA-SPRING
- Test of API with : POSTMAN, MOCHA, SUPERTEST, EXPECT, JEST
- Deployment of applications on the cloud and on private virtual server using platform like : DIGITAL OCEAN, AMAZON WEB SERVICE, GOOGLE
- Setup of continuous delivery pipeline with JENKINS, ANSIBLE, DOCKER, GITLAB
- Knowledge of JOOMLA et WORDPRESS
- Développement of télécommunication applications with : WEBRTC, ASTERIX
- Use of automation technologies: ANSIBLE, TERRAFORM,
- Use of container technologies: DOCKER, KUBERNETES
- Experimentation with SOLIDITY for the development decentralized applications DAPPS

Professional experience

EQUIPMEDISARL   **Yaoundé, Cameroun**
Fullstack DevOps Consultant   January 2023 to June 2023
- Creation of an e-commerce evolutive solution
    - Frontend development (web interfaces for the ecommerce journey)
    - Backend development (apis and database)
    - Infrastructures setup for development and production on Digitalocean and AWS
    - Creation of Ansible deployment scripts
    - Setup domain name, security certificate
    - Creation of automatic data backup scripts
    - Technologies used : Nextjs, Node, Mysql, Tailwind Css, Docker, Ubuntu 20, Git, GraphQL, Strapi, Ansible, Digitalocean, AWS, GitLab

BIITLAB ENGINEERING   **Yaoundé, Cameroun**
FullStack DevOps consultant   June 2022 to December 2022
- Development of a testing platform for students and professional
    - Product design with ADOBE XD
    - Code repo setup with GIT and GITLAB
    - CICD Pipeline setup with GIT and GITLAB CICD
    - Service development with DOCKER and DOCKER COMPOSE

- ➢ Production deployment with KUBERNETES, ARGOCD, KUSTOMIZE, AWS, DIGITALOCEAN, TERRAFORM, ANSIBLE
- ➢ Frontend UI with REACT, MATERIAL UI, Typesscript
- ➢ Backend services with Javascript, Typescript

MBOA DIGITAL   **Yaoundé, Cameroun**
Senior FullStack web engineer   April 2022 to June 2022
- Migrating an ANGULARJS application to ANGULAR13
  - ➢ Migrating components
  - ➢ Migrating services
  - ➢ Adapting backend api
  - ➢ Testing and deploiement

AFRIKPAY   **Douala, Cameroun**
Senior FullStack web engineer   October 2019 to April 2021
- Development of a web documentation application with ReactJs
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ front end coding
  - ➢ Test and deploiement
  - ➢ Development of complementary fonctionnality

- Development of a private crowdfunding application with Symfony 4
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ Backend and front end coding
  - ➢ Test and deploiement on google
  - ➢ Development of complementary fonctionnality

- Development of a Financial report application with Angular 8 and Flask
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ Backend and front end coding
  - ➢ Test and deploiement on google
  - ➢ Development of complementary fonctionnality

- Development of a Incident manager application with Symfony 4
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ Backend and front end coding

- ➢ Test and deploiement on google
- ➢ Development of complementary fonctionnality

UPGRADEGROUP   **Yaoundé, Cameroun**

FullStack web Developer   July to August 2019

- Developpement of an ecommerce website with Laravel 5, vuejs and Asp.net
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ Backend and front end coding
  - ➢ Testing
  - ➢ Development of complementary fonctionnality

FREELANCING   **Yaoundé, Cameroun**

FullStack Java Spring Developer   March to June 2019

- Developpement of applications for some freelance customers
  - ➢ A video streaming app
  - ➢ An E-commerce application with Angular 8 and Docker
  - ➢ Setup of CI/CD pipeline with Jenkins
  - ➢ Creation of reproducible application infrastructure with Ansible

BARA TACHNOLOGIE   **Yaoundé, Cameroun**

Python Backend Developer   January to February 2019

- Development of services for an e-commerce application with FLASK
  - ➢ Amelioration of the extensibility and maintainability of the application by refactoring codes and introducing design pattern
  - ➢ Testing of applications functionnalities
  - ➢ Development of application with DOCKER and FLASK
  - ➢ Development of e-commerce process service

SCOTIA TELECOM   **Yaoundé, Cameroun**

Software developer   August 2018 to January 2019

- Development of a Videostreaming application with LaraveL 5
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ Backend and fron end coding
  - ➢ Test and deploiement on digital océan
  - ➢ Development of complementary fonctionnality

- Development of a VOIP application with Laravel 5 and Asterix
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis

- ➢ Backend and fron end coding
- ➢ Test and deploiement on digital océan
- ➢ Development of complementary fonctionnality

MADIA   **Yaoundé, Cameroun**

Front end development   October 2017 - March 2018
- Front end development of an application de « Gestion de la collecte » with LaraveL 5
  - ➢ Gathering requirements
  - ➢ Front end modalisation
  - ➢ Front end coding
  - ➢ Testing

MADIA   **Yaoundé, Cameroun**

Front end development   October 2017 - March 2018
- Rebuild the front end of hgopy website with Joomla
  - ➢ Gathering requirements
  - ➢ Front end modalisation
  - ➢ Front end coding
  - ➢ Testing

MADIA   **Yaoundé, Cameroun**

Front End Developer   October 2017 - March 2018
- Rebuild the front end website of the canbis project with Laravel 5
  - ➢ Gathering requirements
  - ➢ Front end modalisation
  - ➢ Front end coding
  - ➢ Testing

Freelancing, Monster, Personal   **Yaoundé, Cameroun**

Software developer   January 2015 - January 2017
- Build an Ecommerce web app with LaraveL 5
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ Backend and fron end coding
  - ➢ Test and deploiement on digital océan

- Build a blog with LaraveL 5
  - ➢ Gathering requirements
  - ➢ UML2 modalisation and analysis
  - ➢ Backend and fron end coding
  - ➢ Test and deploiement on digital océan

- Build a blog with the MEAN stack
  - Gathering requirements
  - UML2 modalisation and analysis
  - Backend and fron end coding
  - Test and deploiement on digital océan

- Build an e-learning application with Sailsjs
  - Gathering requirements
  - UML2 modalisation and analysis
  - Backend and fron end coding
  - Test and deploiement on digital océan

- Build an e-learning application with the MEAN stack
  - Gathering requirements
  - UML2 modalisation and analysis
  - Backend and fron end coding
  - Test and deploiement on digital océan

- Build a mother tongue speaking application with the MEAN stack
  - Gathering requirements
  - UML2 modalisation and analysis
  - Backend and fron end coding
  - Test and deploiement on digital océan

Education
Master 1 en système d'information et génie logiciel, Université de Yaoundé 1(UYD 1)
Master en Génie Biomédicale, Université des montagnes (UDM)
Licence en instrumentation et maintenance biomédicale, Université des montagnes (UDM)

Publications
Mémoire de Master en Génie Biomédical, Modélisation et conception d'un distillateur (UDM)
Projet de License, Etude du traitement des déchets en milieu hospitalier (UDM)
Projet de License, Gestion des technologies médicales (UDM)

Some projects online
- https://www.equipmedisarl.shop/
- https://www.georgesngandeu.biitlab.org/
- https://www.rbuilder.biitlab.org/
- https://developer.afrikpay.com/
- https://sales.afrikpay.com