Tony B. NYA

Douala, Cameroon

Phone: +237-697-798-853 | WhatsApp: +242-06-976-0302 | Email: tonybnya@gmail.com | [GitHub](#) | [Portfolio](#) | [LinkedIn](#)

FULL STACK SOFTWARE ENGINEER

Intro

Software Engineer Student in professional retraining with extensive experience in Administration and Diplomacy, after having worked for more than seven years in a Diplomatic Mission. I have strong Problem-Solving, Communication and Collaboration skills leading to many projects in development and quality results. I am looking for opportunities in Software Engineering during this Spring 2023.

Experiences

VisionVoice, Inc.
Access2TECH - Software Engineering Internship
March 2023 - ...

I just entered the VisionVoice, Inc. Internship Program, named Access2TECH with a strong focus on mentoring, with real projects to come.

ALX Africa & Holberton School
Software Engineering Training Program
August 2022 - ...

The ALX & Holberton partnership is a leading technology training provider, built to accelerate the careers of young Africans through the technology and professional skills that enable them to thrive in the digital economy.

- Gained hands-on experience with JavaScript, CSS, HTML, Node.js, Python, Flask, MySQL, APIs and tech principles while working on team/individual projects, code reviews, and pair programming sessions, pair learning days
- Working on Web Infrastructure Design Principles
- Working on some DevOps skills like Unit Testing, Git, and Shell Scripting
- Applied Computer Science Data Structures and Algorithms principles to build some C projects like a personalized **'printf' Function** function or a **'Simple Shell' program.**
- Currently working on an AirBnB Clone project including a Python console with a persistent file data storage part, a testing tool, a sandbox where devs can play around with ideas, to see what does and doesn't work in the file storage, before building out the rest of the web application.
- Working on some DSA tasks/projects with the C language, like Linked Lists, Doubly Linked Lists, Stacks, Queues, Trees...
- Gained solid understanding of Computer Science Foundations

Sayna Academy
Talent4Startup (T4SU) - Full Stack Web Developer Training Program
May 2022 - November 2022

Successfully participated on the scholarship program of DIGITAL AFRICA and its partner SAYNA, who set up the Talent4StartUp (T4SU) program a few months ago for the training of several young people (a batch of 50) from Cameroon, Ivory Coast, Algeria and Madagascar, in the digital professions, specifically Web Development and Digital Marketing.

- Gained a solid understanding of HTML, CSS/SASS, and JavaScript
- Gained a good understanding of React by building projects with the Framework
- Gained a good understanding of Angular by building projects with the Framework
- Gained a good understanding of Firebase by using it on projects
- Gained a good understanding of Figma and UX/UI design principles

Skills

Coding Languages
HTML5 CSS3 SASS C JS SQL Python

Frameworks
React Angular Django Flask Bootstrap TailwindCSS

Databases
Firebase MySQL SQLite MongoDB

Version Control System
Git GitHub

Design UI/UX
Figma Canva

API
RESTful API

DevOps
Shell Scripting Unit Testing

Human Languages
French (Native)
English (Technical)

Projects

Simple Shell in C
I used process identifiers like pid, ppid and other concepts relating to processes like fork, strok, execve, to build a simple shell application in C language.

Printf function implementation in C
This personal implementation of printf() function in C can use format specifiers to print character, string, integer, float, octal and hexadecimal values onto the standard output screen.

AirBnB - The Console
Using the Python language, I built a Console to access and manipulate data for the AirBnB Clone website. It is a CLI from which devs can CRUD objects in a persistent file storage. It is a testing tool, a sandbox where devs can play around with ideas, to see what does and doesn't work before building out the rest of the web application.

AirBnB - The Web App
I'm currently working on a Clone of the AirBnB website using HTML, CSS, JS, NodeJS, jQuery, Flask, MySQL, RESTful API.

React Projects
I'm working on a Superman E-Commerce App using React, Firebase, and Bootstrap.
I'm working on a Batman E-Commerce App using React, Firebase, and Bootstrap.
I'm working on a Color Palette Generator App using React and CSS.

Angular Projects
I'm working on a Black-Panther E-Commerce App w/ Angular, Firebase, and Bootstrap.
I'm working on a Batman E-Commerce App with Angular, Firebase, and Bootstrap.

Design UI/UX Projects
I designed a landing page for the Batman E-Commerce App with Figma.

Education & Training Courses

- Current Student for the 12 months SWE Program of ALX Africa & Holberton School
- 2022 Certified Talent4StartUp with Sayna Academy
- SQL Certified with Kaggle
- Python Certified with Kaggle
- Problem Solving Skills Test Certified with HackerRank
- Python Skills Test Certified with HackerRank
- Fundamentals of Digital Marketing Certified with Google
- Soft Skills Certified with Hello Elton
- 2011 Bachelor Degree in Computer Science