Felix Nkongho Ndifon

https://felix-nn123.github.io/nkongho.github.io/

**Contact Information:**

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**## Summary**

Accomplished Full Stack JavaScript Developer leveraging extensive experience in software engineering to design, build and optimize high-performing, scalable and innovative software solutions. Known for excellent troubleshooting skills that enable quick identification and resolution of challenging technical issues. Proficient in an array of scripting languages and tools. A strong communicator and a team player with a keen understanding of user needs.

With my scientific background as a BSc. in Biochemistry and a minor in medical laboratory technology, I have a very serious passion for scientific research and experiment.

**## Skills**

**Technical Skill**

- Proficient in JavaScript (ES6+), Node.js, Express.js, React.js, React-native, TypeScript,

Material -ui, Nextjs, TailWindCSS, Websocket and WebRTC

- Experience with databases like MongoDB, and PostgreSQL

- Knowledge of Docker, Git and Git version control, Data structures and Algorithm.

- Excellent problem-solving abilities

- Exceptional communication and collaboration skills

- Automatic Deployment with Git action.

Other Skill

- **Teaching Skill :**  Previous taught in some secondary and high school.

- **Communication:** Clearly conveying ideas and technical details.

**- Collaboration:** Working well within diverse teams.

- **Problem-Solving:** Approaching challenges with creative, analytical thinking.

- **Adaptability:** Embracing changes and learning continuously.

- **Time Management:** Prioritizing tasks and meeting deadlines.

**##Entrepreneurial Experience**

***\*\*Co-Founder Captivator technologies| Limbe, Cameroon | 2018-present\*\****

In 2018, We embarked on an entrepreneurial journey to address the growing demand for innovative software solutions in the region and to contribute to the technological advancement of the local business landscape.

- Building a Talented Team : Understanding the importance of having a skilled and dedicated team, I meticulously recruited talented software engineers and developers from Limbe and nearby cities

- Developing Custom Software Solutions: With a client-centric approach, my startup specialized in creating bespoke software solutions tailored to the unique needs of each business.

- Overcoming Challenges:Being an entrepreneur in a burgeoning tech ecosystem posed numerous challenges such as Limited access to funding, infrastructural constraints etc.

- Achieving Growth and Recognition: Through dedication and perseverance, my startup began gaining traction in the local market.

-Contributing to the Community: Beyond business success, my startup was committed to giving back to the community.

**## Experience**

***\*\*Full Stack JavaScript Developer | Captivator technologies inc, Limbe, Cameroon| July 2020 – Present (3 Years)\*\****

***https://www.linkedin.com/company/captivator-technologies/mycompany/verification/***

- Lead developer on multiple high-impact projects, contributing to 35% increase in company revenue

- Architect and build scalable full stack applications using Node.js, Express.js, React.js, React native,MongoDB And Postgresql

- Work with a cross-functional team to translate business requirements into technical specifications, contributing to the full project lifecycle

- Implement CI/CD pipelines for automatic code deployment using Git Actions

- Regularly refactor code and enhance the application for optimal performance

- Mentored junior developers and conducted code reviews to ensure best practices

\*\* ***Biology, Chemistry and Mathematic Teacher | G.B.H.S Ekondo titi and G.H.S Kita Balue, Cameroon | September 2013-March 2017***

***-* Lesson Planning & Curriculum Development:** Designing engaging lesson plans, preparing instructional materials, and aligning content with curriculum standards

- **Classroom Instruction:** Delivering lectures, facilitating discussions, and incorporating interactive activities to explain complex concepts.

- **Lab Work & Demonstrations:** Organizing and supervising experiments in Biology and Chemistry, ensuring safety protocols and hands-on learning.

- **Assessment & Grading:** Creating tests and assignments, grading student work, and providing constructive feedback.

**## Projects**

***\*\*1. Nawafrica Real Estate(Web Application) | Captivator technologies inc/ https://nawafrica.com/***

Nawafrica Real Estate is a Property management system designed to Connect between Landlord and potential tenants or buyers who wishes to rent or buy their properties. It makes management of a property by the landlord very easy and also facilitate the searching of accommodation by people who wants to relocate to a new home.

- Played a key role in the design and implementation of the frontend and backend of the application using React.js and Node.js.

- Built RESTful APIs for efficient communication between the front-end and the back-end.

- Implemented real-time communication using WebSocket between landlords and tenants.

- Implemented Google Map Api which allows this properties to be display to the users their be locations

- Utilized Postgresql for database management.

- The platform has significantly improved the search of properties all over Africa and couple with that is a very efficiency Property management platform.

***\*\*2. Nawafrica Real Estate(Mobile Application) | Captivator technologies inc\*\****

***https://play.google.com/store/apps/details?id=com.felix.nawafrica***

This is Mobile Application of Nawafrica Web Application build using React-native expo which was designed to Connect between Landlord and potential tenants or buyers who wishes to rent or buy their properties. It makes management of a property by the landlord very easy.

- Played a key role in the design and implementation of the frontend and backend of the application using React-native and Node.js.

- Built RESTful APIs for efficient communication between the front-end and the back-end.

- Implemented real-time communication using WebSocket between landlords and tenants.

- Implemented Google Map Api which allows this properties to be display to the users their be locations

- Integrated the application with a payment gateway such as paypal, stripe and Mtn mobile money.

- The platform has significantly improved the search of properties all over Africa and couple with that is a very efficiency Property management platform.

***\*\*3. Nawafrica Dashboard (Web application)\*\****

***source code: https://admin.nawafrica.com***

Nawafrica dashboard is a secure web app that manages data for Nawafrica’s web and mobile platform. It features role-based access with least privilege controls, real-time analytics, and efficient content management, ensuring strict security and seamless operation

- Assisted in 90% development of this web app using React.js/material UI.

- Implemented secure user authentication using JWT and OAuth2.

- Implement analytic maps and graphs that will be use t analyze various data that are being posted in the Nawafrica platform.

- deployment of the application to digital ocean

**## Education**

- Programming With Mosh Online Coding School| https://codewithmosh.com/

- London Appbrewery by Angelina Yu | https://www.udemy.com/user/4b4368a3-b5c8-4529-aa65-2056ec31f37e/

- Freecodecamp Bootcamp | **https://www.freecodecamp.org/**

- Traversy Media YouTube Chanel for programmer | https://www.youtube.com/@TraversyMedia

- University of Buea | BSc. Biochemistry | https://www.ubuea.cm/

**## Languages**

- English (Native)

- Spanish (Intermediate)

- French (Intermediate)

**## Hobbies**

- Open-source contributor

- Tech blogger