

Inefable KOUMBA

Fullstack Developer and Data Scientist in training

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Brazzaville, Republic of the Congo

About me

I am a software developer and Data Science enthusiast in training, with expertise in designing, developing and maintaining reliable applications. I have skills in various programming languages and frameworks with a solid foundation in frontend and backend development, as well as an expanding knowledge of Data Science. As a software developer and aspiring Data Scientist, my goal is to work on innovative and ambitious projects that have a positive impact on society, using my technical skills to contribute to their development and success.

Education

Software Development Bachelor's Degree

Brigham Young University, USA | September 2022 - June 2026

During this 100% online training, I learn the techniques of designing, creating, testing and maintaining software applications. Subjects taught include:

- Advanced programming in Java and C++
- Object-oriented software design
- Information systems architecture
- Web application development with HTML/CSS, JavaScript and React
- Relational and non-relational database
- Data analysis and visualization
- Mobile application development

SAS® Certified Associate Certificate

SAS, USA | March 2023

The SAS Certified Associate certification is a globally recognized certification that validates proficiency in SAS programming, data manipulation and statistical analysis. This training allowed me to acquire skills in:

- SAS programming for data manipulation
- Statistical data analysis
- Reporting and data visualization techniques
- Using SAS Enterprise Guide

Full Stack Web Development Nanodegree Certificate

Udacity, USA | October 2022 - January 2023

This online training allowed me to acquire the necessary skills to become a Full-Stack web developer. Subjects taught include:

- Web application development with HTML/CSS, Python, JavaScript, TypeScript, React and PostgreSQL
- Deploying Applications with Docker and AWS
- Agile project management and development methodologies
- Using Git for version control

Bachelor's degree in Administration of Computer Systems and Networks

ESGAE, Republic of Congo | October 2019 - June 2021

During this training, I learned the basics of IT and acquired skills in:

- Administration of computer systems and networks
- IT security
- Computer programming with Java and C#
- Website design and development with HTML/CSS and JavaScript
- Relational databases with MySQL

Higher Technician Certificate in Computer Analysis and Programming

ESGAE, Republic of Congo | October 2017 - June 2019

This training allowed me to acquire the basics in computer science and programming, with subjects such as:

- Algorithmic and programming
- Databases with MySQL
- Computer networks and security
- Operating systems
- Website design with HTML/CSS and JavaScript

Professional experience

Frontend Developer

E-connect (www.e-connect.lu), Luxembourg

10/2021 – Present

As a frontend web developer, I designed and delivered bespoke solutions for clients using the latest technologies and best development practices. Here are my greatest accomplishments:

- Official website of the municipality of Sandweiler, Luxembourg (www.sandweiler.lu)
- Official website of the municipality of Berdorf, Luxembourg (www.berdorf.lu)

Lead Fullstack Developer

Franzer SARL (www.franzer.org), Brazzaville

02/2022 – Present

During my experience as a Lead Fullstack Developer, I worked on a wide range of projects, ranging from small web applications to complex enterprise projects. Below are my greatest accomplishments:

- Designed and developed the official website of the company Franzer SARL, Brazzaville (www.franzer.org)
- Designed and developed CelloPay, a mobile electronic payment application using VISA, MTN Mobile Money and Airtel Mobile Money technologies. The application was developed with Flutter as the frontend, Node.js as the backend and PostgreSQL as the database. The application is currently in beta testing before being released to the general public.
- Participates in the development of Rhodium, an application allowing artists to publish their music, gain fame and promote the events they organize. Our development stack is composed of: React.js, Node.js, Flutter, Amazon Web Service, Git, MongoDB, Dart, Typescript, etc.

Technical skills

- Web Development: HTML/CSS, JavaScript, Python, Typescript, React, Node.js.
- Mobile development: Kotlin, Flutter, React Native
- Database : PostgreSQL, MongoDB, MySQL
- Data analysis: SAS, Data collection, Data analysis
- Cloud Computing: Amazon Web Service (AWS)
- Version management tools: Git, Github, Bitbucket
- Graphic design and UI/UX: Adobe Illustrator, Adobe XD, Figma

LANGUAGES

- French (native)
- English (Advanced)