MUHESI Moise

DETAILS

📞 +243 998799306
✉ muhesi@outlook.fr
🌐 Linkedin | GitHub | Portfolio

SKLILLS

1. Programming languages
   - **NodeJs**
     (Javascript Typescrit)
   - **Python**
   - **PHP**
2. Frontend
   - **React js**
   - **Nextjs**
   - **Angular**
   - **MUI**

3. Backend
   - **Nodejs**
   - **NestJs**
   - **Django**(Pyhon)
   - **Flask**(Pyhon)

4. DataBase
   - **MongoDB**
   - **MySQL**
   - **Redis**
   - **PostgreSQL**

- Data analysis
  - **Pandas, Numpy, Sql**
  - **Power BI**

SOFTWARE ENGINEER

Profile

Full-stack Software Engineer with experience working remotely and hands-on experience to create and implement software solutions.

Employment History

software engineer, ELIPT GOMA/DRC
MAY 2024 - PRESENT

Development of an innovative Marketplace using NestJs in the backend, flask and the yolo model (python) for image content recognition (AI), NextJs in the frontend (admin) and react native in mobile. and my contribution is as follows :

- Prepare the project management environment and tools
- Designing the database
- Creation of API access points for all platform modules
- implement web socket for realtime feats (notification, chats ...)
- Re-training model yolov5 implement a REST API for image search
- Consume payment APIS
- Setup a VPS for deployment
- Deploy flask and Nestjs application, etc

Software engineer, IKIOTA HUB, GOMA/DRC
JULY 2024 - PRESENT

Development of an innovative EduTech SAAS using NestJs on the backend, NextJs on the frontend and django with an LLM(AI) model. The main aim of this SAAS is to evaluate the work of students at subscribed universities.
My contribution is as follows :

- Creation of API access points for all platform modules
- Implement push notifications
- implement cron job
- Deploy backend and frontend applications

Software engineer, ecole-cinquantenaire, GOMA/DRC

JULY 2024 - SEPTEMBER 2024

Development of an innovative EduTech platform using NestJs for the backend, NextJs for the frontend and flutter for mobile and my contribution is as follows :

- Designing the database
- Creation of API access points for all platform modules
- Implement push notifications
- implement cron job
- Deploy backend and frontend applications

Software engineer, IKIOTA HUB, GOMA/DRC

FEBRUARY 2024 - APRYL 2024

Kiotadata, development of an innovative financial inclusion solution based on creditworthiness and carbon footprint assessment. My responsibilities included:

- Designing the database
- Setting up a scalable, secure architecture
- Creation of API access points for all platform modules
- Design and development of scoring algorithms.
- Integration of mobile payment APIs and financial data providers.
- implement cron job

https://kiotadata.zero-panne.com/

Frontend software engineer, Renova, GOMA/DRC

DECEMBER 2023 - JANUARY 2024

Bukavuchicks, this project is a showcase website for the company. It presents all the services and products offered. Including an e-commerce part and its administration.

I used ViteJs, recoil and shadcn/ui

Database administrator, MUMBERE BELLE VUE GROUP, GOMA/DRC

DECEMBER 2022 - DECEMBER 2023

For this assignment, I focused on database management, including bug resolution, performance optimization and security measures. My frequent tasks included :

- **Data Migration:** Successfully migrated data to a new database, ensuring seamless transition and data integrity.
- **Bug Resolution:** Proactively identified and resolved database bugs, implementing efficient solutions and deploying updates promptly.
- **Data Optimization**: Enhanced database performance through strategic data indexing, enabling faster search times and improved user experience.
- **Security Implementation**: Developed and implemented robust security measures to safeguard sensitive company data from unauthorized access and breaches.
- **Backup Automation**: Automated and monitored daily data backups, ensuring reliable disaster recovery and data preservation.
- **User Management**: Optimized user requests and privileges, streamlining processes and enhancing system efficiency.

Fullstack software engineer, MUMBERE BELLE VUE GROUP, GOMA/DRC

JANUARY 2021 - 2022

we built an e-bellevue health platform, It manages internal services in this company (more than 80 000 patients are managed in this platform).

- The front app. is developed in reactjs & typescript and the backend in nodejs & typescript

Fullstack software engineer, CRES, GOMA/DRC

SEPTEMBER 2019 - NOVEMBER 2023

In this company I worked on several projects and had different responsibilities :

- Code user interfaces and components in different projects.
- Refactor & upgrade an old React/Nodejs codebase to meet today's standards
- Integrate and consume APIs from the backend project.

Fullstack software engineer, CRES, GOMA/DRC
SEPTEMBER 2019 - NOVEMBER 2023

In this company I worked on several projects and had different responsibilities :

- Code user interfaces and components in different projects.
- Refactor & upgrade an old React/Nodejs codebase to meet today's standards
- Integrate and consume APIs from the backend project.

1. **Acho-system**

AS is an IT platform that combines the functionalities of e-business commerce and fintech. My role is backend Software Engineer, and the backend is developed in Nestjs (Microservices)

2. **Join-Afrik**

 Web app. to connect service seekers with service providers, my role: Frontend Software Engineer.

3. **E-creddho**

The e-creddho portal is a desktop and mobile platform for managing data (incidents, violations of all kinds, etc.) collected by creddho investigators.
My role : Frontend Software Engineer.

My personal projects

1. **Altvip-pub**

Altvip-pub is a social media advertising management platform designed specifically for small and medium-sized businesses (SMBs).
It streamlines the process of creating and boosting ads across various social networks, providing a centralized and user-friendly solution for SMBs to manage their social media advertising campaigns.

Tasks done:
- Designed the entire system architecture
- Designed the database
- Set up the project (frontend and backend)

2.**FaceRecogn-app**

I built a platform for identifying people through facial recognition. The front app is in reactjs and the backend in nodejs and Typescript.
Backend Software Engineer, the backend is developed in Nestjs

Education

Bachelor of Science in Computer Engineering
ULPGL-GOMA (2017-2022)

Beta student ambassador
Microsoft (2020-2024)

Trainings & certifications

- The foundations of microservices
- Web application security
- Data structure
- The major principles of agility
- Adopt a permanent software architecture
- Cloud computing concepts
- Basics of Design Patterns
- Microsoft Learn AI Skills Challenge
- Become tech leader
- The essentials of Azure and cloud computing concepts
- The foundations of Azure SQL
- The founddations of Redis 2022
- Migrating a SQL Server database to Azure DataBase