



## SUMMARY

AI leader skilled in cross-functional project management and marketing insights. Proven success in data-driven results and AI innovation.

## KEY ACHIEVEMENTS

### Diamond Enhanced Backend Performance

Improved backend performance, reducing API response time by 40%.

### Diamond Optimized AI Models

Implemented machine learning models increasing decision accuracy by 45% in numerous projects.

## LANGUAGES

Kinyarwanda	Native	•••••
English	Proficient	•••••
German	Advanced	•••••

## SKILLS

Machine Learning · Data Analysis ·

Natural Language Processing ·

Backend Development · RESTful APIs ·

API Development

## INDUSTRY EXPERTISE

### AI Engineering



### Backend Development



## SOCIALS

### Instagram

\_p.o.l.o\_10

### Github

MugishaProsper

# MUGISHA PROSPER

## Software Engineer

📞 +250 798 615 286 🎬 nelsonprox92@gmail.com

🌐 https://mugishaprospers-seven.vercel.app

## EXPERIENCE

### AI Engineer

09/2024 - Present

Kigali, Rwanda

#### Neurolab

- Developed and deployed machine learning models to optimize business processes and improve decision-making accuracy.
- Conducted data analysis and feature engineering to enhance model performance and ensure reliability in production environments.
- Researched and evaluated emerging AI technologies to recommend innovative applications within the company's projects.
- Implemented natural language processing techniques to automate customer support and improve user engagement.

### Software Engineer Backend

2025 - 08/2025

Birmingham, United Kingdom

#### Aether

- Optimized database queries and performed data modeling to improve application performance and data integrity.
- Collaborated with front-end developers and cross-functional teams to define API requirements and integrate backend services.
- Utilized containerization and cloud services to deploy and manage backend applications efficiently in production environments.

### Backend Node.js Developer

2024 - 02/2024

Kigali, Rwanda

#### BKTechHouse

- Develop and maintain strong relationships with partners, agencies, and vendors to support marketing initiatives
- Optimized database queries and performed data modeling to improve application performance and data integrity.
- Collaborated with front-end developers and cross-functional teams to define API requirements and integrate backend services.
- Utilized containerization and cloud services to deploy and manage backend applications efficiently in production environments.

### Backend Developer

02/2024 - 03/2024

Rabat, Morocco

#### Litmos

- Developed and maintained scalable backend services and APIs to support web and mobile applications. Implemented RESTful APIs, ensuring secure authentication and authorization mechanisms.

## EDUCATION

### Software Engineering and Embedded Systems

09/2023 - Present

#### Rwanda Coding Academy

Nyabihu, Rwanda

### Mathematics and Engineering

01/2020 - 07/2023

#### Byimana School of Sciences

Ruhango, Rwanda

## REFERENCES

### Muhire Servile

servilemuhire@gmail.com

### Shema Leandre

iamshemaleandre@gmail.com