



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

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Github

MugishaProsper

MUGISHA PROSPER

Software Engineer

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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

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