

Agape Mugisha

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Business acumen, Detail-oriented and solutions-driven Backend Web Developer with proven expertise in designing, developing, and optimizing robust server-side applications. Proficient in creating RESTful APIs, database management, and implementing scalable architectures using Django RESTful Framework. Passionate about problem-solving, continuous learning, and leveraging technology to drive business success.

EDUCATION

ALIBABA BUSINESS SCHOOL (Hangzhou Normal University).

Bachelor's degree, E-commerce and computer science.

Hangzhou, China,

2027.

ALX Academy.

Professional course, Backend Web Development -

Remote,

July 2024 - January 2025.

IBM Inc.

Software Engineering Specialization Program -

Remote

(in-progress)

Ecole Ssecondary NYAMIRAMBO

Diploma: Mathematics, Computer Science, and Economics - **First Class Honor**

Kigali, Rwanda

2022

SKILLS SUMMARY

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- **Languages:** Python, C, C++, R, SQL, HTML & CSS
 - **Frameworks:** Django framework
 - **Tools:** Tableau, MySQL
 - **Platforms:** Visual Studio Code, Postman, GitHub, Google Cloud.
 - **Soft Skills:** self-determination, collaboration and teamwork, attention to detail, interpersonal skills, excellent communication, and business acumen.

PROJECTS

Stock Inventory management system API. | [Repo GitHub](#)

- Designed and developed RESTful APIs to streamline stock tracking, inventory updates, and warehouse operations using the Django REST Framework (DRF).
- Implemented Role-Based Access Control (RBAC) for secure access management, ensuring distinct permissions for admin, staff, and warehouse personnel.
- Deployed and maintained APIs on the cloud platform Heroku, ensuring high availability and scalability for enterprise-level inventory operations.

Social media API | [Repo GitHub](#)

- Designed and built RESTful APIs to manage user profiles, posts, likes, comments, and followers using Django REST Framework (DRF).
- Implemented real-time features like notifications, direct messaging, and activity feeds using WebSockets and Django Channels.
- Integrated advanced search and filtering to enable users to discover profiles, hashtags, and trending content effectively.

Blog post API | [Repo GitHub](#)

- Developed and deployed RESTful APIs to manage blog posts, categories, comments, and user profiles using Django REST Framework (DRF).
- Implemented authentication and authorization with JSON Web Tokens (JWT), enabling secure user login, registration, and role-based access.
- Enabled advanced features like search, filtering, and pagination for efficient navigation and retrieval of blog content.

CERTIFICATES

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- **Back-end web development (ALX Academy):** Mastered Django REST Framework, database ORM, SQL, and MongoDB. *January 2025.*
 - **Building APIs with Django (Meta):** Mastered foundational Python syntax and advanced programming skills. *December 2024*
 - **Professional data analytics (Google):** Analytical problem-solving techniques for effective reporting. *August 2024*