

Imanishimwe Dominique Savio

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E-commerce Website (In Progress)

EXPERIENCE

Smart Motion-Responsive Lamp – Personal Project

2024 – Present

Built a motion-sensing lamp that increases brightness when detecting movement and dims by 50% when idle, saving energy and enhancing safety through smart automation.

3D Designer – Personal Project

2025 – Present

Designed a full drone model using SolidWorks, including body frame, motor mounts, and component housing. Demonstrated strong mechanical design skills and attention to functional detail.

E-commerce Website Developer – Personal Project

2024 – Present

Developing an online platform for buying and selling products, focusing on user-friendly design, secure transactions, and scalable backend architecture. Using HTML, CSS, Django, and JavaScript to build core features.

EDUCATION

Agahozo Shalom Youth Village — Senior five(S5)

2022 – Present

Focused on Math, Physics, and Computer Science (MPC). Recognized for excellence in physics and active member of the code club.

PROJECTS

Smart Motion-Responsive Lamp

Built a motion-activated lamp that adjusts brightness to save energy.

3D Drone Design

Modeled a drone in SolidWorks, designing its key structural and functional parts.

SKILLS

Programming: Python, Django, HTML, CSS, JavaScript.

3D Design: SolidWorks (advanced).

Web Development: Frontend and backend developer.

Soft Skills: Problem solving, creativity, teamwork, adaptability.

AWARDS

Earned an ALX Certificate for completing a AI essential course (2024)

Bridge Design Certificate – Awarded for excellence in a school-based bridge building and design competition (2024)

LANGUAGES

Kinyarwanda – Native

English – Fluent