Solange Duhimbaze ihirwe

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SUMMARY

Full-Stack Developer and Systems Enthusiast with hands-on experience in building scalable web apps (Next.js, Tailwind, REST APIs) and managing data workflows through Google Sheets (formulas, pivot tables, dashboards). Skilled in PostgreSQL, Docker, and automation tools, with a strong interest in data management, system integration, and sustainable tech solutions. Adaptable to fast-paced startup environments, blending software engineering with data-driven insights.

EXPERIENCE

MVend Ltd, Technical Support engineer   **Jan 2025 - present**

- Provided technical support for a fintech payment platform enabling mobile-based transactions.
- Managed and analyzed operational data using Google Sheets and Excel (advanced formulas, pivot tables, dashboards) to support business decisions.
- Built automated reporting workflows and visual dashboards to monitor transactions and client performance.
- Collaborated with the engineering team to troubleshoot backend/API issues and improve client onboarding processes.

Enerpower Tech Solution(ETS), Intern   **Sept 2024 – Dec 2024**

- Utilized Next.js to build and enhance user interfaces for web applications, focusing on efficient server-side rendering and improved user experience.
- Contributed to agile sprints, participating in planning and code reviews.
- Gained experience in developing scalable web applications with a focus on real-world user needs.

SheCanCode bootCamp, Trainee   **Feb 2024 - May 2024**

- Developed proficiency in HTML, CSS, and JavaScript through intensive hands-on learning.
- Built responsive web applications using frameworks like React, Tailwind.
- Collaborated with a team on a real-world project, utilizing Git for version control and effective communication.

- Deployed a web application to a live server, showcasing understanding of deployment processes.

Andela Technical Leadership Program, Trainee   **Feb 2024 - Aug 2024**

- Built a full e-commerce platform with buyer, seller, and admin roles
- Developed backend APIs using Node.js and Express.js
- Managed databases with MongoDB and PostgreSQL
- Integrated third-party APIs to extend functionality
- Used Docker for basic deployment tasks
- Collaborated in an agile team through sprints and code reviews

EDUCATION

University of Rwanda, Kigali-Rwanda   **May 2022 – present**

Bachelor of Science (hons) in Information systems level 4

- **Coursework:** Database Systems (SQL, PostgreSQL, MySQL), Systems Analysis & Design, Software Engineering, Web Development, Data Structures & Algorithms, Networking Fundamentals, Project Management in IT
- Gained strong foundation in information management, process automation, and software development.
- Currently completing advanced modules in data systems, cloud computing, and enterprise software integration.

Groupe Scholaire Saint Aloys Rwamagana   **Jan 2018 – Aug 2021**

A2 in Physics- Chemistry – Mathematics (PCM)
- Developed strong quantitative and analytical problem-solving skills through advanced coursework in mathematics and sciences.
- Participated in academic projects and group work that emphasized logic, critical thinking, and teamwork.
- Built a foundation in structured problem solving, which supports my career in software engineering and data systems.

SKILLS

- **Frontend:** HTML/CSS, React, Next.js (App Router & SSR), Tailwind CSS, Three.js, Redux Toolkit
- **Backend:** Node.js, Django REST Framework, SST, Drizzle ORM
- **Programming Languages:** TypeScript, JavaScript, Python
- **Database:** MySQL, PostgreSQL, MongoDB, DynamoDB
- **Tools:** Docker, GitHub Actions, Vercel, Render, Railway
- **Other:** API integration, WebSockets, OAuth, Agile practices, clear documentation, strong communication

- **Soft Skills:** Problem-solving, Team collaboration, Communication, Adaptability, Attention to detail, Time management, Willingness to learn, Critical thinking,

LANGUAGES

- English
- Kinyarwanda
- French(basics)