REMY SHEMA

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A very passionate full-stack engineer with a deep focus in MERN stack. I like to prove my tech skills through various projects that I spend much of my time on. I have listed them below, but I would recommend visiting my portfolio website If you want to learn more about my projects.

EDUCATION

Bachelor's Degree in Software Engineering (A1)
Jan 2025 - Present

- Currently pursuing my education at Adventist University of Central Africa (AUCA) in Software Engineering

High-school Degree in Mathematics, Computer Science and Economics (A2)
Degree obtained on December 4th 2023

- Finished my Advanced Level at Ecole Sainte Bernadette Kamonyi,
- And my Ordinary Level at Ecole Sainte Marie Adelaide.

CERTIFICATIONS

ALX Professional certificate in Software Engineering
Oct 2023 - Nov 2024

- Gained hands-on experience in programming languages including HTML5, CSS, JavaScript and Python.
- Covered SQL database management, version control using Git and GitHub
- Web development frameworks like Flask and integration with API

Freecodecamp certificate in Front End Development Libraries
June 2024 - July 2024

- Learned front-end libraries like ReactJS, Sass, Bootstrap, jQuery, Redux and completed five hands-on projects.

SKILLS

- HTML & CSS
- Javascript
- Reactjs
- Express js
- Node js
- MongoDB
- MySQL
- Bootstrap
- JQuery
- Rest APIs
- GraphQL
- C++
- Java
- Git & Github

PROJECTS

GitBit, a github contribution tracker | https://gitbit.netlify.app
August 2024 – Present

GitBit is a github contribution tracker that tracks user contribution history and current data. I used React js for the front end, css and bootstrap, used MongoDB for tracking user data, express js for the Rest Apis and graphql for fetching user calendar data. I used also github oauth for authentication, JWT for security purposes, chart js for rendering your calendar data and many more. There is a lot about this project. So to learn more about it and see my full-stack skill level, I'd recommend you to visit it.

Kigali Puppies, a pet e-commerce web app | https://kigalipuppies.com
October 2024 – March 2025

Kigalipuppies is an e-commerce pet store that sells puppies within Kigali city. The platform allows users to browse available pets, place orders, and complete payments via automated mobile money integration. I tackled slow product data fetching caused by storing images directly in the database by switching to image URLs. To simplify bulk uploads, I built a tool (https://remydp.netlify.app) that lets stock managers instantly upload images to Dropbox and get raw links for easy use.

Verve, an e-commerce web app | https://v3rve.netlify.app
March 2024 – June 2024

Verve is a fully functional e-commerce website I built with MERN stack. It took me longer than expected because this was one of my biggest MERN stack projects that I've built. Working with stock management, accounts implementation and integration with the frontend while every code written is from scratch takes some time. Here I used Reactjs, Css, MongoDB, Expressjs for RestAPi's, Nodejs and Glitch for server side.

Gz Furnitures (freelance project) | https://gakwandi.netlify.app
June 2024 – September 2024

My client wanted a business platform website to showcase his business about what it does, services it provides, and products they sell. I proposed building him something nicer. I proposed to add a portfolio section to sell his products online, and build him a backend stock management where he will also manage his products online. He didn't want to expose his prices to the public due to competition, I solved that by enabling auto messaging on the whatsapp using the api, so whenever the user clicks on the product negotiate icon it redirects him on whatsapp to negotiate further. My client liked that, but the better part for him was the stock management part. He would always manage stock with CRUD operations and automatically affect the products front page.

These above are my choosen projects, and I only chose a few of them for my resume. I have built other more projects, and you can find them all on my portfolio website. If you would like to know all my front-end and back-end skill level, I would recommend you to visit it on: https://remyshema.netlify.app