

Mufundi Landry

FullStack Software Engineer

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SUMMARIZE

Experienced in Frontend Software Engineering, Web Design, Data Security, and Project Management, with a degree in Systems and Network Security from Hope Africa University. Passion for new technologies, programming, the web, and long-term problem-solving.

EXPERIENCE

FullStack Software Engineer

Asyst Resources Ltd

May 2023 - Present, Burundi, Bujumbura

- Utilize React.js and Next.js for building responsive and dynamic user interfaces.
- Implement Material-UI and Chakra UI for consistent and aesthetically pleasing designs.
- Manage state using Redux for state management in complex applications.
- Enhanced accessibility and responsiveness by creating responsive designs using media queries.
- Ensured W3C compliance for all developed applications.
- Develop server-side logic using Express.js to handle API requests and manage routes.
- Integrate with MongoDB for database operations, including data modeling and query optimization.
- Design and implement RESTful APIs to facilitate communication between client and server.
- Follow best practices for code organization and maintainability.
- Write unit tests and integration tests to ensure the reliability of the application.

Frontend Software Engineer

Ufanisiafrica

August 2022 - December 2022, Burundi, Bujumbura

- I was responsible for designing and implementing awesome and modern user interfaces with an accustomed user experience. I mostly worked on content management systems interfaces with their websites, logos, and slogans. I contributed to 3 hotel systems, 2 schools, and 2 pharmacy systems.
- Developed custom web interfaces using React, HTML, and CSS, resulting in 40% faster loading times, an 80% reduction in code complexity, and a 25% increase in user engagement.
- Utilized A/B testing methodology to test new features and updates and evaluated results to iterate on desired outcomes.

Frontend Software Consultant

Skynet Burundi

February 2022 - February 2023, Burundi, Bujumbura

- Developed 5 full stack web applications in collaboration with Skynet Burundi, improving page load speed by 25% and reducing customer bug complaints by 64%, while optimizing customer experience using SASS and JavaScript.
- Implemented secure authentication protocols and safeguarded user data, reducing security vulnerability threats by 76%.
- Created accessible and responsive components, revamping user interface design to achieve a 75% increase in web traffic and 50% higher completion rates.
- Utilized React and Redux, enhancing app performance and scalability, and optimizing complex functions with efficient algorithms resulting in a codebase that was 20% leaner.

Frontend Software Engineering Trainer

Fongolab

February 2022 - February 2023, Burundi, Bujumbura

- I trained ambitious men and women in web development. I lead my third generation of learners and like the older generations, I expect them to reach their best level in programming and prepare them for the professional environment.

PROJECTS

Promanager

Skynet Burundi • June 2022 - August 2022

- I developed Promanager, a fully modern web software built to manage and track software's development process from 0 to 100%, by dividing the project into tasks and attaching them to concerned software engineers, headmasters, DevOps, and testers.

FongolaPOS

Skynet Burundi • February 2022 - November 2022

- Coded on the front-end side of the management system of the application using React js, Redux, and Tailwind CSS for stability, speed, and flexibility in the platform workflow.

Hotel Content Manager System

Ufanisiafrica and Freelancing • January 2022 - December 2022

- Designed and developed frontend software platforms with React, Redux, and Material UI to manage the whole hotel system including restaurant, laundry, rooms, employees, gym and swim subscriptions, reservations, accountant ...

EDUCATION

Bachelor of Genius and Management of Telecommunications

Minor in Systems and Networks Security • Hope Africa University • Burundi, Bujumbura • 2023 • 3.45

High School Bachelor of Sciences, Education and Pedagogy

Minor in General Sciences • CS. LAVERONIQUE • South Kivu, Bukavu • 2019 • 3.22

INVOLVEMENT

Trainer, Sub- Coordinator and Project Manager

Hope Africa University • Fongolaboratory • August 2021 - February 2023

- Participated in web trainings and forums led by professional Computer Scientists, Software Engineers, and DevOps.
- Training students with FullStack web development to increase technology growth by 1% per year.
- Collaborating with young developers and software engineers on co-working projects built to facilitate everyday society experience.
- Involving women in new technologies to promote and increase parity by 40%.

SKILLS

HTML5, **CSS3**, **Javascript**, JSX, **React js**, **Next js**, UI/UX Design, **Redux**, Material UI, Chakra UI Bootstrap, **Node js**, **Express**, **Restful Apis**, **MongoDB**, Php (procedural) & MySQL, Tailwind CSS, jQuery, Vanilla js, Chart js.