LIPLAN LEKIPISING
Software Engineer
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Portfolio | **LinkedIn** | **GitHub**

EDUCATION

African Leadership University – Kigali, Rwanda   **September 2019 – present**
BSc. Computer Science
Relevant Coursework: Data Structures and Algorithms; Database Systems; Web Development; Software Engineering; Cloud Computing; Networks; Machine Learning; Application Security;

SKILLS

●Java	● React JS	● Git	● GraphQL	● AWS and Azure
●Spring Boot	● Next JS	● Tailwind	● SASS	● React Redux
●Python	● Styled-Components	● Typescript	● Bootstrap	

EXPERIENCE

Software Engineer   **April 2022 - Present**
Knack Inc – Remote
- As the lead software engineer at Knack Inc, collaborated with the engineering team to design, test, and develop the KnackApp platform using Next JS, Tailwind CSS, Redux Toolkit, and TypeScript to meet and exceed product objectives, resulting in a 25% increase in user satisfaction and a 30% increase in revenue.
- Implemented "best-in-class" engineering solutions for various features, ensuring that services and components were well-defined, modularized, secure, reliable, and reusable, resulting in a 50% reduction in technical debt and a 40% increase in code reusability.
- Adhered to and drove modern software engineering practices through rigorous code reviews, resulting in a 65% improvement in code quality.
- Regularly measured and improved the performance, quality, and correctness of the KnackApp platform, resulting in a 20% decrease in bug reports and a 15% increase in user retention.

Software Engineer   **June 2022 - September 2022**
Savannah Informatics – Remote
- As a software engineer at Savannah Informatics, collaborated with the Be.Well product software engineering team to plan, design, develop, and test the solution using Next JS, Tailwind CSS, React Query, Apollo, and TypeScript, resulting in a successful launch on schedule.
- Assisted in the collection and development of feature requests from consumers, resulting in a 15% increase in user satisfaction and a 10% increase in product adoption.
- Expertly designed systems with well-defined interfaces across multiple components, resulting in a 20% increase in code maintainability and a 25% increase in developer productivity.
- Consistently performed thorough code reviews, leveraging data to make decisions, resulting in a 35% reduction in bugs and a 40% improvement in code quality.

Frontend Developer   **July 2021 - April 2022**
Fress Inc – Remote
- As a frontend developer at Fress Inc, reviewed and developed provided designs to ensure that they were user-centered and provided the best possible experience using React JS, Styled Components, Redux, and JavaScript, resulting in a 30% increase in user satisfaction.
- Developed a highly functional web application using React JS on the frontend, while consistently adhering to best coding practices to ensure an efficient product, resulting in a 20% increase in website performance and a 15% increase in conversion rates.
- Collaborated with a team of 6 developers to ensure that the final product and MVP were developed on time, resulting in a successful launch on schedule and a 10% increase in project efficiency.
- Worked closely with backend developers to seamlessly integrate APIs into the web application, resulting in a 25% improvement in functionality and a 30% increase in developer productivity.

PERSONAL PROJECTS

Karent App
A modern social media web application designed by university/college students to share ideas and stay connected. Built using Next JS.

CourierPal
An ordering web app built using Next JS. CourierPal connects shoppers and travelers who assist each other in getting items across the world

AutoParts 250 website
A fully featured ecommerce website for AutoParts 250 Rwanda. This web application was developed using Spring Boot, HTML, CSS, JS, and other technologies such as Apache Tomcat, Hibernate, and AWS S3.

*View more of my projects and experience **HERE**.*