

# LIPLAN LEKIPISING

## Senior Software Engineer

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[LinkedIn](#) | [Portfolio](#) | [Github](#)

### SUMMARY

Senior Software Engineer and Team Lead with over 5 years of experience architecting and delivering high-impact, scalable web applications. Proven leader with a track record of driving team growth, mentoring engineers, and fostering a culture of ownership and high-quality code. Expert in the React, Next.js, and TypeScript ecosystem, with a talent for translating complex business requirements into elegant user experiences and robust, production-grade code.

### SKILLS

- |              |                     |                |              |               |
|--------------|---------------------|----------------|--------------|---------------|
| • Next JS    | • ReactJS           | • Tailwind CSS | • TypeScript | • Material UI |
| • NodeJS     | • Responsive Design | • Git          | • PostgreSQL | • React Redux |
| • JavaScript | • Styled-Components | • MongoDB      | • CI/CD      | • Jest        |

### EDUCATION

#### BSc. Computer Science

African Leadership University – Kigali, Rwanda

*Relevant Coursework: Data Structures and Algorithms; Database Systems; Web Development; Software Engineering; Cloud Computing; Networks; Machine Learning; Application Security; Internet of Things;*

### PROFESSIONAL EXPERIENCE

#### Lead Software Engineer, Web

July 2024 - Present

##### Hello Tractor

- Spearhead the web engineering team in the development and enhancement of 5+ platforms, directly impacting farmers and business operations.
- Architect and implement key features, leading to a 15% improvement in application performance (TTFB) and a more streamlined user experience for customers.
- Drive the full product lifecycle, from strategic planning and ticket creation to deployment, reducing the feature-to-market time by 20%.
- Mentor and support growth of developers, conducting rigorous code reviews and implementing best practices that improved code maintainability and reduced technical debt.

#### Senior Software Engineer & Team Lead

April 2022 - April 2024

##### Knack Inc

- Led a cross-functional team to architect and launch the Knack Ecosystem, a suite of products that exceeded initial project goals and captured a new market segment.
- Boosted team efficiency by implementing new engineering processes, resulting in a 50% reduction in the ticket backlog and enhanced code reusability across projects.
- Elevated platform stability and user trust by improving application debugging and testing protocols, which decreased critical bug reports by 20% and increased user retention by 15%.
- Mentored and upskilled junior developers, fostering their growth into mid-level roles and strengthening the team's overall capability.

#### Software Engineer

June 2022 - September 2022

##### Savannah Informatics

- Collaborated in an Agile environment to develop and test key features for the Be.Well healthcare solution using Next.js, TypeScript, and Tailwind CSS.
- Engineered and integrated systems with well-defined APIs, improving code maintainability by 20% and boosting overall developer productivity by 25%.
- Played a key role in gathering and implementing feature requests, leading to a 15% increase in user satisfaction scores.

**Frontend Developer****July 2021 - April 2022****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 of MVP on schedule and a 10% increase in project efficiency.

**Web Development Instructor and Mentor****November 2020 - September 2021****Tech Care Ltd**

- Acted as a mentor to junior developers, providing guidance on career development and technical skills, helping them to grow into confident and competent professionals.
- Effectively managed project timelines and milestones, ensuring that student teams remained on track and met their goals.
- Fostered an environment of innovative thinking and problem-solving, encouraging students to develop creative solutions to technical challenges.

View more of my projects and experience [HERE](#).