

# LIPLAN LEKIPISING

## Senior Software Engineer

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

### SUMMARY

With a solid background in software engineering of more than 4 years, I offer a unique skill set as a software architect. I am dedicated to producing reliable and scalable software that makes me a valuable asset for any team. I have extensive experience in leading teams, spearheading products, and mentoring colleagues.

### 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

#### Software Engineer - Web Lead

**July 2024 - Present**

##### Hello Tractor

- Lead web team in developing and maintaining two core projects, driving feature development, codebase improvements, and reducing technical debt.
- Managed the full software lifecycle: planning features, prioritizing bug fixes, and creating tickets to streamline team productivity.
- Mentor developers, manage code reviews, and support bug resolution while fostering a culture of high-quality, maintainable code.

#### Independent Tech Trainer

**April 2023 - Present**

##### Self-Employed

- Developed personalized learning plans tailored to each student's needs, ensuring a thorough understanding of fundamentals of both frontend and backend technologies.
- Provided comprehensive support and training to aspiring software developers and full stack engineers, guiding them through the fundamentals and advanced concepts of software development.
- Conducted personalized regular mentoring sessions, offering hands-on coding assistance, code reviews, and career advice to foster all-around development skills.

#### Software Engineer - Team Lead

**April 2022 - April 2024**

##### Knack Inc

- Led a dynamic team to achieve the successful development of the Knack Ecosystem of products, surpassing predefined project objectives and ensuring its overall success
- Mentored junior developers, fostering their professional growth and enhancing team capabilities through one-on-one sessions and code reviews.
- Implemented top-tier engineering solutions, achieving a 50% reduction in backlog items and enhancing code reusability.
- Enforced modern software practices and application debugging, elevating code quality across Knack
- Consistently improved platform performance, reducing bug reports by 20% and increasing user retention by 15%

**Software Engineer**  
**Savannah Informatics**

**June 2022 - September 2022**

- Collaborated with the BeWell product software engineering team using agile to plan, design, develop, and test the solution using Next JS, Tailwind CSS, React Query, Apollo, and TypeScript, resulting in a successful launch of planned features 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.

**Frontend Developer**  
**Fress Inc**

**July 2021 - April 2022**

- 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**  
**Tech Care Ltd**

**November 2020 - September 2021**

- 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](#).*