

SISKA APRIANA RIFIAN TI

FRONTEND-FOCUSED SOFTWARE ENGINEER

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SUMMARY

Frontend-focused Software Engineer with 4+ years of experience building scalable, high-performance web applications in enterprise and fintech environments. Strong expertise in component-driven development, design systems, accessibility (a11y), and modern frontend architectures including microfrontend and state management. Proven track record in improving web performance (LCP, CLS), reducing technical debt, and delivering maintainable, production-grade applications within Agile teams.

PROFESSIONAL EXPERIENCE

PT Pegadaian | Fullstack Developer (Frontend-Focused) Jan 2025 – Present

- Translated complex Figma designs into clean, modular, and mobile-first UI using Vue.js within a microfrontend architecture.
- Designed structured communication between UI components, state management, and API layers, supporting a scalable and maintainable frontend architecture.
- Improved UI consistency and accessibility (a11y) standards across microfrontends, reducing UI/UX audit findings by approximately 80%.
- Performed continuous code refactoring to reduce technical debt and improve readability, reusability, and long-term maintainability.
- Implemented unit testing with Vitest and integrated tests into CI/CD pipelines, achieving 90%+ test coverage per microfrontend.

PT Asuransi Astra Buana | React.js Developer Jan 2024 – Jan 2025

- Reengineered a legacy .NET 4 UI into a modern React + Vite application using component-driven development, improving LCP and overall web performance by 62%.
- Designed and maintained a scalable frontend architecture using functional components, custom hooks, and Zustand, reducing technical debt and improving long-term maintainability.
- Built and documented reusable UI components as part of an internal design system, ensuring consistent UI, accessibility (a11y) compliance, and faster feature delivery.
- Optimized responsive and mobile-first UI implementations to ensure consistent behavior across devices and browsers.
- Actively participated in code reviews, identifying refactoring opportunities and enforcing clean code standards across the team.
- Collaborated closely with backend engineers, QA, and business stakeholders, demonstrating strong stakeholder communication and ownership to deliver the project within a 4-month deadline.

PT Solutif | Senior Frontend Developer Aug 2023 – Dec 2023

- Reorganized frontend folder structure and applied component-driven development, improving scalability and increasing development speed by 30%.
- Built and standardized reusable components aligned with an internal design system, ensuring UI consistency and maintainability across features.
- Delivered core e-commerce features (catalog search, checkout, authentication) using responsive, mobile-first principles.

- Actively reduced technical debt through systematic code refactoring, resulting in a 76.56% reduction in production bugs.
- Led code reviews, provided technical guidance, and mentored team members, strengthening overall code quality and problem-solving culture.
- Worked closely with product owners and stakeholders, translating business requirements into technical solutions through clear stakeholder communication.

PT Steradian Data Optima | Fullstack Developer

Dec 2022 – Aug 2023

- Led full-stack development by designing a scalable application architecture across frontend, backend, and database layers.
- Developed secure authentication and role-based authorization while maintaining clean, maintainable code through regular refactoring.
- Collaborated with cross-functional teams, demonstrating strong problem-solving skills and ownership in delivering MVP features on schedule.
- Participated in code reviews and contributed to improving engineering best practices within the team.

PT Astra International Tbk | Junior Frontend Developer

Jan 2022 – Dec 2023

- Developed frontend features using Angular, React, and Material UI, focusing on responsive and accessible UI for enterprise applications.
- Improved internal workflows by building user management and reporting features with performance-aware implementations.
- Collaborated in Agile teams, gaining early exposure to code reviews, CI/CD workflows, and cross-team communication.

SKILLS

Frontend: React.js, Vue.js, Next.js, Nuxt.js, JavaScript (ES6+), TypeScript

State Management: Redux Toolkit, Zustand, Vuex, Pinia

Architecture: Microfrontend, Module Federation, Reusable Component Design

Testing: Vitest, Jest, React Testing Library

Backend : Node.js (NestJS, Express), REST API, Axios

Styling: Tailwind CSS, Material UI, Bootstrap

Tools & Practices: Git, Docker, Agile/Scrum, Code Review, Performance Optimization

EDUCATION

Malang State University

2017-2021

Bachelor's Degree in Physics

- PPA scholarship recipients for 2018-2020.
- Adora scholarship recipients for 2020-2021 period.
- The best graduate majoring in physics, the 109th graduate