

Andrian Lysander

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SUMMARY

Software Developer based in Indonesia, specializing in modern web and mobile application development with React, Next.js, TypeScript, and Node.js. Experienced in building full-stack applications from the ground up, with a strong focus on frontend architecture, performance, and maintainable software systems.

EXPERIENCE

Frontend Developer

Ekspedingin

October 2024 – Present, Medan, Indonesia

- As the primary front-end developer, I lead the front-end development of a large-scale frozen food marketplace, building 3 Next.js web applications (admin, seller, and customer) and 1 React Native mobile application for iOS and Android, taking the platform from initial architecture through to a launch-ready product.
- Built three Next.js applications in a shared monorepo, with reusable packages and a unified design system using customized shadcn/ui components and Tailwind CSS to improve consistency and maintainability across the platform.
- Built the customer-facing mobile application from the ground up with React Native, delivering core marketplace features including product discovery, multi-vendor cart management with integrated vouchers, checkout, reels, and order tracking.
- Implemented WebSocket-based real-time features across the platform, powering customer-seller chat, live order updates, and in-app notifications.
- Established a TypeScript-first architecture across all four codebases, using strong typing throughout the frontend to improve maintainability, catch errors early, and make feature development safer as the platform grew.
- Designed and maintained global state management with Zustand and TypeScript across all four applications, handling complex client-side state such as multi-vendor carts, authenticated sessions, real-time data, and administrative inventory controls.
- Improved frontend performance and Core Web Vitals, raising the production Lighthouse performance score from 90+ to 100 through image optimization, resource prioritization, rendering improvements, and more efficient asset loading.

Freelance Software Engineer

Self Employed

January 2022 – Present, Remote

- Engaged in full-stack personal side projects to hone my skills as a software developer.
- Successfully delivered high quality web applications for my clients.
- Continuously expanding my skill set by actively learning and adopting new technologies to stay up-to-date with industry trends.

Front end Developer

CV Adaptive Kreasi Teknologi Indonesia – Contract

August 2023 – May 2024, Yogyakarta, Indonesia

- Collaborated with SALT team on an Enterprise Risk Management System project for Bank Syariah Indonesia by Prospero Solutions.
- Developed high quality features for the software.
- Implemented clean code across all modules to improve software's maintainability.
- Collaborated with frontend and backend developers to ensure software robustness.
- Collaborated with project managers to ensure successful project completion, aligning development efforts with project goals and timelines.

Front End Developer Intern

PT Sliva Technology Indonesia

March 2023 – July 2023, Remote

- Participated in building a software for pet's health organization called SlivaDoc.
- Collaborated with fellow developers to build a high quality software.
- Ensured code readability by implementing clean code architecture.
- Developed high quality features for the software using React.js and Typescript.

PROJECT

BSI eRMS

CV Adaptive Kreasi Teknologi

- Employed Next.js and Typescript to ensure software robustness.
- Integrated REST APIs into software provided by backend developers.
- Implemented clean code architecture across multiple modules.
- Created reusable react components and hooks to ease development process.
- Converted Figma design prototypes into a high quality live software application.

SlivaDoc

PT Sliva Technology Indonesia

- Applied TypeScript to ensure type safety and enhance the reliability of the software.
- Utilized Redux Toolkit for efficient state management, enhancing the scalability and maintainability of the application.
- Integrated styled-components to achieve consistent and modular styling, enhancing the codebase's readability and reusability.
- Ensured code reusability and maintainability through consistent practices and modular design.

EDUCATION

Bachelor of Computer Science

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SKILLS

HTML, CSS, Javascript, Typescript, React.js, Next.js, Redux, Redux Toolkit, Zustand, Tailwind CSS, Radix UI, Vue.js, React Native, Websocket

Node.js, Express.js, Next.js, Nest.js, GraphQL API, Rest API, Prisma ORM, Golang, Docker

Postgresql, MySQL, MongoDB, Firebase, Supabase
