

Nikolas Marcellino

(Software Engineer - Frontend)

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SUMMARY

Frontend Engineer with 2+ years of experience building and maintaining modern web applications using Vue.js, Nuxt.js, and Tailwind CSS. Skilled in API integration, unit testing (Vitest, Jest), and frontend performance optimization. Currently enhancing Kompas.id and other platforms in collaboration with product and design teams. Passionate about learning new technologies, with interests in fullstack development, AI, and multimedia.

EXPERIENCE

PT. Telkom Indonesia – Jakarta, Indonesia

Frontend Web Developer (March 1, 2021 – March 1, 2022)

- Maintained web application in project ChatAja!, learned about Vue.js and also ask to the seniors, and success to maintain some features. Increase usability into 25%
- Developed Concall website with HTML, CSS, Javascript, and Bootstrap, researched for detail design and how to make it, accomplished and success developed pages for Concall dashboard, profile, and search on time with 90% result.
- Maintained and developed a new feature for ChatAja! Widget with React.js, do research for the new feature, developed it, do testing, and accomplished and successfully developed on time with 90% as expected
- Developed a new page for VUCA CX and integrate components with API and worked with Vue.js and Nuxt.js, success developing a new page with API integration with 95% as expected
- Developed Selesar NFT website with Vue.js and Nuxt.js, developed and researched for the design, feature, and logic for buying or selling NFT, and success developed new pages with 90% as expected.

PT. Kompas Media Nusantara – Jakarta, Indonesia

Software Engineer - Frontend (August 2022 - 31 Mei 2025)

- Maintained and optimized Kompas.id, Kompas Event, Subscription Services, and B2B websites using Vue.js (Vue 2 & Nuxt 2), Tailwind CSS, following code review practices for continuous improvement.
- Developed and launched new features for user account activation using Vue.js, Nuxt 2, and Tailwind CSS, meeting 90% of success KPIs.
- Integrated RESTful APIs using Vuex and Pinia for state management, ensuring 90% functional accuracy across endpoints.
- Led the migration of Kompas.id frontend architecture from Nuxt 2 to Nuxt 3 with Tailwind CSS, improving performance and scalability.
- Migrated legacy components from Stencil.js to Lit Web Components, aligning with modern Web Component standards with 90% successful conversion.
- Implemented unit testing for Nuxt 3 projects using Vitest, and for legacy Stencil.js components using Jest, ensuring 90% test coverage.
- Diagnosed and resolved bugs, performance bottlenecks, and critical issues across multiple platforms, contributing to a 90% reliability increase.
- Refactored and modularized unused or legacy code into reusable components or composables, enhancing maintainability and development speed.
- Participated in setting frontend coding standards and promoted a culture of knowledge sharing and peer learning.
- Implemented GlitchTip (open-source APM) for frontend error monitoring and reporting, integrated into Nuxt 3 for real-time issue tracking and alerting.

Freelance

- **Wordpress**
 - Developed company profile for PT. Indopak Sumber Teknik (<https://ptindopak.com/>)
- **Freelance for Fin-tech Company** (Sept 2019 - February 2020)

EDUCATION

BINUS University (2018 - 2022)

Bachelor of Information Systems – GPA 3.45 out of 4.00

SMA Santo Yakobus (2015 - 2018)

IPS

SKILLS

- HTML
- CSS
- Javascript
- Typescript
- Bootstrap
- Vue.js / Nuxt.js
- Tailwind
- UI / UX Design

LANGUAGE

- Indonesia
- English

ORGANIZATIONAL EXPERIENCE

- **Church Service (2017 - current)**
 - Contribute to making videos and content for social media for online worship.
 - Running onsite and online worship.
 - Joined charity and outbound.