

DICCO SURYO KARTIKO

Frontend Engineer | Vue.js 3-Ready Frontend Developer, Component-Based Architecture, Reactivity & State Management, JavaScript/TypeScript, CI/CD Pipelines, UI/UX Collaboration

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<https://github.com/dikokartiko>

PROFESSIONAL SUMMARY

Frontend engineer with 4+ years of experience building production-grade web applications, component-driven user interfaces, and full-stack SaaS platforms. Delivered responsive, performance-optimized frontend solutions using React.js, Next.js, and TypeScript — applying component-based architecture, reactivity patterns, and state management principles directly transferable to Vue.js 3. Built and integrated frontend functionalities with RESTful APIs using asynchronous programming, and collaborated closely with UI/UX designers to create intuitive, visually appealing interfaces across multiple production projects. Experienced with frontend build tools (Vite, Webpack), Git version control, Agile sprints, and CI/CD pipelines (Jenkins, GitHub Actions) for continuous integration and deployment. Led cross-team delivery as project team lead for a banking compliance system, coordinating engineering priorities with 100% on-time milestones and bug rate below 3%. Mentored junior engineers on code quality, system design patterns, and development best practices. Strong debugging and troubleshooting skills honed through QA experience at scale (Shopee). Ready to ramp quickly on Vue.js 3 based on deep foundation in component architecture, reactivity patterns, state management, and production delivery in typed JavaScript (TypeScript).

CORE SKILLS

Frontend Engineering: JavaScript, TypeScript, Component-Based Architecture, Reactivity Patterns, State Management (Pinia/Vuex Concepts, Redux Patterns), React.js, Next.js, Vue.js 3 (Ramping), Responsive Design, UI/UX Collaboration, Frontend Build Tools (Vite, Webpack, Babel, Vue CLI), Single-Page Application Development

Backend and API Integration: RESTful API Integration, Asynchronous Programming (Promises, Async/Await), Node.js, NestJS, Express.js, API Contract Design, Service-Oriented Architecture

CI/CD and DevOps: CI/CD Pipelines (Jenkins, GitHub Actions, GitLab CI/CD), Zero-Downtime Deployment, Automated Testing, Docker, Cloud Deployment, Version Control (Git)

Performance and Quality: Frontend Performance Optimization, Component Lifecycle Management, Code Review, Testing and Quality Assurance, End-to-End Testing, Release Quality Gates, Debugging and Troubleshooting, Secure Coding Practices

Technical Leadership: Team Leadership, Mentoring, Cross-Functional Collaboration, Agile Methodologies, Technical Documentation, Engineering Standards, Architecture Design Discussion

Database and Data Layer: SQL, Relational Database Schema Design (Postgres, MySQL), ORM Integration (Prisma, Sequelize, TypeORM), Database Performance Optimization

Languages: Bahasa Indonesia, English

PROFESSIONAL EXPERIENCE

Freelance Full Stack Developer, Aido Health

Jan 2026 - Present

- Architected and delivered a medicine delivery SaaS platform, owning end-to-end design from frontend user interfaces through distributed backend API orchestration for customer-facing and admin workflows.
- Built responsive, component-driven frontend interfaces for the admin delivery monitoring dashboard and dynamic medicine order form, collaborating with UI/UX design requirements to deliver intuitive and visually appealing user experiences.
- Integrated frontend functionalities with RESTful backend APIs using asynchronous programming techniques, handling real-time order tracking data rendering with optimized performance and low-latency response under production load.
- Designed and implemented scalable backend service layer with NestJS for payment gateway and third-party courier integrations (TIKI, Borzo, JNE, J&T), managing high-throughput transaction workflows via RESTful API orchestration.
- Applied component-based architecture patterns including modular component decomposition, reactive state management, and cross-component data consistency to support iterative feature delivery and application scalability.
- Project link: <https://provider.aido.id> (admin delivery monitoring dashboard and dynamic medicine order form).

Full Stack Developer, PT NawaData Solutions

Jan 2024 - Present

- Led AML banking compliance initiative as project team lead, coordinating cross-team execution across engineering teams, managing technical priorities, and ensuring release quality with 100% on-time delivery and bug rate below 3%.
- Built and maintained production services using Node.js, NestJS, and TypeScript, delivering business-critical workflow automation and data processing pipelines with modular, scalable architecture for B2B financial operations.
- Enforced secure coding practices, quality gates, and rigorous code reviews across the full SDLC to ensure code quality, maintainability, and compliance with industry standards.
- Mentored junior engineers on code quality, system design patterns, and development best practices, elevating team velocity and engineering standards through hands-on technical leadership.
- Translated feature specifications into implementation tasks, architecture design inputs, and delivery documentation in close collaboration with cross-functional teams in Agile workflows.

Full Stack Web Developer, PT Purwadhika Putra Kirana

May 2023 - Nov 2023

- Delivered cashier and multi-warehouse e-commerce projects in Agile sprints, owning full-stack feature delivery with React.js, Node.js, and Express.js — building responsive, component-driven frontend interfaces with attention to UI/UX quality.

- Developed frontend interfaces with React.js using component-based architecture and state management, integrating with RESTful APIs through asynchronous programming for operational and transactional workflows.
- Used Jira and GitHub-based CI/CD workflows with Git version control to track progress, enforce quality checks, and manage release collaboration with zero-impact deployment practices.
- Collaborated with UI/UX designers to ensure intuitive user interfaces and cross-platform consistency across delivered projects.

Quality Assurance, PT Shopee Indonesia

Jun 2022 - Mar 2023

- Designed test cases and executed end-to-end testing at scale to validate release quality and regression coverage across high-traffic distributed web platforms serving millions of users.
- Achieved KPI with 100% testing accuracy, contributing to production stability and reliability for a globally distributed e-commerce SaaS system.
- Developed strong debugging, troubleshooting, and quality assurance skills in a high-scale distributed environment — directly applicable to maintaining high application stability in frontend development.

Full Stack Web Developer, PT Madhava Group

Sep 2023 - Dec 2023

- Delivered web applications using React.js and Next.js across public sector and enterprise use cases, building responsive frontend interfaces with component-driven architecture.
- Translated requirements into implementation tasks, technical documentation, and relational database structures.
- Completed 3 projects: GIS system for Karangwuni Village, ERP inventory system for UGM (Sidoharjo warehouse), and GIS system for Ministry of Public Works and Housing (PUPR).
- Project link: <https://karangwuni-kulonprogo.desa.id/> (GIS system implementation for Karangwuni Village).

IT Support, PT Syncore Indonesia

Dec 2021 - May 2022

- Maintained hardware, network, and server operations for business continuity.
- Resolved critical incidents that impacted business operations under time-sensitive conditions, developing strong troubleshooting and debugging skills.

EDUCATION

Bachelor of Computer Science, University of AMIKOM Yogyakarta

Faculty of Computer Science | GPA: 3.40/4.00 | 2017 - Aug 2021

- Lab Network Development (Apr 2019 - May 2019): Contributed to network infrastructure development using the PPDIIOO framework lifecycle.

ORGANIZATION EXPERIENCE

Member, AMIKOM Computer Club, University of AMIKOM Yogyakarta

2018 - 2020

- Supported event management and timeline tracking.
- Contributed to concept planning, preparation, project tracking, team development, and growth strategy.