

Moch Rafi Adnan Setiadipura

Bandung, Jawa Barat | rafisetiadipura@gmail.com | 087825515689 | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Frontend Software Engineer with 3+ years of experience building scalable web applications. Expert in React, Next.js, and modern CSS with a track record of improving system performance and user experience. Proven ability to architect complex frontend structures, optimize legacy codebases, and deliver high-quality solutions. Seeking to leverage expertise in frontend technologies to drive innovation.

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, SASS, SQL, Java, C++, Python **Frontend:** ReactJS, NextJS (App Router), Redux, Bootstrap, Framer Motion, Material UI, Shadcn, SWR **Tools & Practices:** GIT, CI/CD, Agile/Scrum, SOLID Principles **Hardware/Other:** Arduino, WSN

EXPERIENCE

Software Engineer - Frontend Developer | PARKEE | Jakarta Pusat, DKI Jakarta | Nov 2022 - Present

- Engineered** the migration of parkee.app from a traditional page router to a Next.js App Router, significantly enhancing routing performance, SEO, and application flexibility.
- Architected** and deployed a dedicated webview for the Wuzz registration system, successfully streamlining user onboarding and securely processing over 2,000 total transactions.
- Designed** and integrated a dynamic email template system utilizing SendGrid, automating the delivery of transaction receipts and improving post-purchase communication.
- Refactored** existing codebase by strictly applying SOLID principles, which improved code maintainability, reduced technical debt, and enhanced module scalability for future rollouts.
- Resolved** critical performance bottlenecks within the CMS, reducing load times by an estimated 30% and delivering a seamless user experience for internal operators.

Software Engineer - Frontend Developer (Contract) | PT Muslim Seratus Satu | Bandung, Jawa Barat (Remote) | Aug 2024 - Dec 2025

- Spearheaded** the end-to-end frontend architecture and development of an online Umrah transaction platform, collaborating within an 8-person cross-functional team.
- Engineered** two major iterations of the application: V1 utilizing Material UI, Next.js, and SWR, and V2 upgrading to Next.js 15 and Shadcn UI, completing the entire V2 rebuild from scratch in under 2 months.
- Achieved** >95% pixel-perfect UI/UX consistency with Figma designs, ensuring a highly polished and intuitive user experience.
- Optimized** Technical SEO by implementing UTM tracking, Google Tag Manager (GTM), comprehensive Sitemaps, and JSON-LD scripts, successfully securing a #1 search ranking for the V2 platform.

- Led and mentored a freelance frontend developer starting in the 7th month, accelerating project delivery and maintaining high code quality standards.

Software Engineer Intern - Frontend Developer | Gincode Nusantara | Bandung, Jawa Barat | Feb 2020 - Dec 2021

- Spearheaded the front-end implementation of the Rentatoy platform, utilizing ReactJS and Ant Design to create a responsive and intuitive user interface.
- Built and deployed an interactive internal dashboard from scratch, collaborating within a 4-person development team using ReactJS and custom CSS.
- Developed custom registration forms and user flows for Idepreneursclub, successfully onboarding and serving a user base of over 500 participants.
- Created a scalable web application for digital wedding invitations, handling end-to-end frontend development and ensuring cross-device compatibility.

INDEPENDENT PROJECTS

AI-Powered CV Reviewer & Optimizer | *Next.js, LLM API, Node.js, OpenClaw, Gemini 3.1 Pro Preview*

- Engineered an intelligent CV analysis tool utilizing Large Language Models (LLMs) to automatically parse, evaluate, and optimize resumes against modern ATS standards.
- Integrated advanced AI prompting to rewrite generic job descriptions into high-impact, metrics-driven bullet points using the STAR/XYZ method.
- Orchestrated the backend setup utilizing OpenClaw and Gemini 3.1 Pro Preview, successfully integrating the system as a fully functional Telegram bot.

AI Video Clipper System | *React, Node.js, Gemini CLI, FFmpeg*

- Architected a full-stack automated video processing pipeline that leverages AI to identify key moments in long-form videos and extract them into short, shareable clips.
- Developed an intuitive frontend interface and backend logic with the assistance of Gemini CLI, allowing users to review, edit, and export AI-generated clips seamlessly.

PROJECTS

Yoorasarah E-Commerce | *yoorasarah.com | Freelance (6 Months) | 2025*

- Architected the frontend infrastructure from scratch using Next.js 16, Tailwind CSS, SWR, Zustand, and Shadcn, delivering a scalable and highly responsive e-commerce platform.
- Collaborated effectively within a 4-person cross-functional team (Backend, Frontend, QA, UI/UX) to design and implement a custom e-commerce solution, significantly reducing administrative costs associated with third-party platforms (Shopee, TikTok Shop).
- Integrated a secure payment gateway leveraging the Xendit API, ensuring seamless and reliable checkout experiences for customers.

Wedding Website Organizer | ginapanji.my.id/rafi | *Freelance (2 Months)* | 2025

- **Engineered** an end-to-end custom wedding invitation platform and guest RSVP management system with full CRUD capabilities, successfully organizing and processing data for over 350 guests.
- **Designed** and integrated tailored web animations, consulting directly with the couple to architect a personalized digital experience and invitation distribution system.

Portfolio Andreas | visiongoal.ch/en | *Freelance (2 Weeks)* | 2025

- **Developed** a professional, high-performance portfolio landing page, independently translating broad client requirements into a polished, responsive web interface without pre-existing design mockups.
- **Delivered** the completed project within an accelerated two-week timeframe, ensuring cross-device compatibility and optimal user experience.

LinkLSM.id (React) | *Freelance (3 Months)* | 2021

- **Engineered** a specialized social media platform to drive public engagement for organizations, successfully onboarding 135 registered organizations.
- **Implemented** a complex, multi-step (5-step) registration flow utilizing React Hook Form, incorporating comprehensive data validation to ensure high-quality user inputs.

STP Aquaculture (NextJS) | stpaquaculture.com | *Freelance (3 Months)* | 2023

- **Architected** the front-end structure for a corporate profile website using NextJS (App Router), optimizing for speed and modern web standards.
- **Integrated** advanced interactive UI elements, including Framer Motion animations and parallax scrolling concepts, creating a highly immersive and dynamic user experience.

EDUCATION

Bachelor of Computer Science | Parahyangan Catholic University Undergraduate Thesis: DEVELOPMENT OF

WATER QUALITY MONITORING IN NFT HYDROPONIC SYSTEMS USING WSN Relevant Coursework:

Algorithms, Data Structure, Operating System, Web Development, Artificial Intelligence, Computer Network, Mobile Apps

SYNERGY Academy Bootcamp | Jan 2022 - Jun 2022

- **Back-end Developer (Main Bootcamp):** Directed the backend architecture for the final project "mager," designing a scalable RESTful API infrastructure. (Score: 90.9/100)
- **Full-Stack Web Class (Pre-Bootcamp):** Led the development of "filmen" utilizing ExpressJS, NodeJS, PostgreSQL, and JavaScript/Bootstrap. Implemented automated CI/CD pipelines via Heroku. (Score: 88.5/100)