

MARCEL MARULI

Senior Frontend Engineer | Full-Stack Software Engineer

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| cv-online-nine.vercel.app

PROFESSIONAL SUMMARY

Software Engineer with 6 years of experience building and maintaining web applications across EdTech, banking, e-commerce, HR technology, and financial services. Strong expertise in React.js, Next.js, JavaScript, TypeScript, frontend architecture, REST API integration, testing, and cross-functional delivery. Experienced in AI-assisted engineering workflows using Model Context Protocol (MCP) and coding agents. Aspiring to grow into technical leadership while delivering scalable, maintainable, and high-impact software products.

EDUCATION

Dibimbing.id | DevOps / AI & LLM Engineering Program

2026 - Present

Relevant Learning: Linux, Docker, Kubernetes, CI/CD, Terraform, cloud fundamentals, MCP, LLM-assisted engineering, and automation.

Hacktiv8 Indonesia | Fullstack JavaScript Immersive Program

Nov 2019 - Apr 2020

Graduation Score: 78.54 / 100 | Relevant Technologies: JavaScript, React.js, Vue.js, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL.

Sahid University | Bachelor's Degree in Food Technology

Oct 2014 - Oct 2018

GPA: 3.22 / 4.00

PROFESSIONAL EXPERIENCE

KooBits | Frontend Developer

Aug 2026 - Present

- Develop and maintain frontend experiences for digital learning products, translating product and API requirements into responsive, maintainable user interfaces.
- Deliver features, bug fixes, and integration work across Admin and learning-platform flows in collaboration with Product, Backend, QA, and other frontend engineers.
- Integrate frontend modules with REST APIs and role-based access flows, troubleshooting environment, authentication, permission, and data-contract issues across development and SIT.
- Use MCP integrations and coding agents to accelerate codebase exploration, implementation, debugging, and change validation while following established engineering conventions.

Tech Stack: React, GitHub, Jira, Confluence, Keycloak, REST APIs, MCP, Codex Agents, Claude Agents

Bank DKI (Bank Jakarta) | Senior Software Engineer - Full Stack (Contract)

Jun 2026 - Aug 2026

- Develop secure banking web modules using Next.js, supporting branch-level transaction workflows with an emphasis on performance, data integrity, stability, and maintainability.
- Manage application data flows with Prisma ORM, including reliable queries and schema-driven integration with existing banking services.
- Develop and optimize Branch Delivery System (BDS) modules and integrate modern web interfaces with core banking services.
- Maintain delivery quality through code review, debugging, and testing across frontend and full-stack changes.

Tech Stack: Next.js, Prisma ORM, Core Banking Services, REST APIs, Testing, Code Review

PT. Renos Indonesia | Senior Frontend Engineer

Aug 2022 - Feb 2026

- Led development and continuous improvement of the buyer-side e-commerce platform using React and Next.js, owning major customer-facing flows including checkout and order management.
- Led the migration of the buyer-side application from Create React App to Next.js, strengthening SEO capability, maintainability, and frontend performance.
- Built Hometrend capabilities across buyer, seller, and back-office applications, including a custom CMS and cross-team integrations.
- Established the technical foundation for the Design and Build application and served as the technical point of contact with Thailand stakeholders and the CTO.
- Delivered the Design and Build project in 4 months against an initial 9-month estimate, reducing the expected delivery timeline by more than 50%.

Tech Stack: React.js, Next.js, React Query, Axios, Jest, SonarCloud, GitHub, i18n, CryptoJS, reCAPTCHA

PT. SiCepat Ekspres Indonesia | Frontend Engineer

Jun 2021 - Aug 2022

- Developed and maintained employee-facing HR applications using React.js, including attendance monitoring, reporting, and manpower-related workflows.
- Built dashboards and data visualizations with Chart.js and integrated frontend applications with backend services using Axios.
- Improved internal operational workflows by digitizing attendance and HR monitoring processes in reusable frontend modules.

Tech Stack: React.js, Ant Design, JavaScript, Axios, Chart.js, GitLab

PT. Amar Bank | Frontend Engineer

Sep 2020 - Jun 2021

- Developed digital banking interfaces, customer-facing landing pages, and KYC workflows using React.js and secure backend API integrations.
- Supported scalable frontend architecture and CI/CD delivery with GitLab CI/CD while collaborating with Backend, QA, and Product teams.
- Contributed to the Senyumku digital banking application and monitored code quality using SonarCloud.

Tech Stack: React.js, Ant Design, JavaScript, Axios, GitLab CI/CD, SonarCloud

ADDITIONAL EXPERIENCE

PT. Merdeka Digital Asia | Frontend Engineer - Freelance

Mar 2022

- Built a responsive multilingual company profile website using Vue.js, Vue Router, Axios, Bootstrap Vue, and Vue-i18n.

Tanoto Foundation | Basic HTML Mentor

May 2022

- Taught basic HTML and computational thinking, introducing students to web concepts and logical problem-solving.

PROJECTS

Ticketing Management System | Full-Stack Personal Project

Mar 2026

Built a Jira-like ticket and project management application using Next.js, React, TypeScript, Node.js, Express.js, MongoDB, JWT, Jest, and Supertest to support secure authentication, ticket workflows, persistence, and automated backend testing.

3D Web Visualization | Frontend Personal Project

2026

Developed an interactive browser-based 3D visualization using Next.js, React, TypeScript, Three.js, Tailwind CSS, and Vite to demonstrate geometry processing and texture rendering.

ACHIEVEMENTS

Annual Performance Rating - Grade A | PT. Renos Indonesia

2025

Received a Grade A annual performance rating based on overall performance and contribution.

SKILLS

Frontend: React.js, Next.js, Vue.js, JavaScript, TypeScript, HTML5, CSS3, SASS/SCSS, Tailwind CSS, Ant Design, React Query, Axios, i18n

Backend & Data: Node.js, Express.js, REST APIs, MongoDB, Mongoose, PostgreSQL, Prisma ORM, Firebase, JWT, Bcrypt

Testing & Quality: Jest, Supertest, SonarCloud, Automated Testing, Debugging, Code Review

DevOps & Tools: Git, GitHub, GitLab, GitLab CI/CD, Docker, Kubernetes, Terraform, Vite, Jira, Confluence, Keycloak

AI-Assisted Engineering: Model Context Protocol (MCP), Codex Agents, Claude Agents, AI Coding Tools

Additional Technical Skills: Chart.js, Three.js, Framer Motion, SEO, Agile collaboration

Soft Skills: Problem Solving, Collaboration, Cross-functional Communication, Attention to Detail, Technical Mentoring

Languages: Bahasa Indonesia (Native), English (Professional Working Proficiency)