

I NENGAH RIANDIKA

FRONTEND ENGINEER



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Jakarta, Indonesia

SUMMARY

Frontend Engineer with 5+ years of experience designing and delivering enterprise web applications using React, Angular, and TypeScript. Experienced in building scalable frontend architectures with Micro Frontend, Module Federation, Nx Monorepo, and modern build tools. Passionate about creating maintainable, high-performance applications through reusable components, testing, and cross-functional collaboration.

EXPERIENCE

Software Engineer | PT Bank Mandiri (Persero) Tbk, March 2022 – Present

- Developed and maintained enterprise frontend applications using React, Angular, and TypeScript, delivering scalable and maintainable solutions for banking operations.
- Designed and implemented modern frontend architectures, including Micro Frontend and Nx Monorepo, to improve scalability, modularity, and development efficiency.
- Built reusable UI components, shared modules, and frontend libraries to improve consistency and reduce duplicate implementation across applications.
- Collaborated with cross-functional teams including Backend Engineers, QA Engineers, UI/UX Designers, and Business Analysts to deliver high-quality software following Agile methodologies.
- Improved application quality through code reviews, performance optimization, and automated frontend testing using Jest and React Testing Library.

Frontend Developer | PT Flash Informatika Cemerlang, October 2019 – March 2022

- Developed responsive web and hybrid mobile applications using Stencil.js, Ionic Framework, Angular, and TypeScript.
 - Built reusable frontend components, Progressive Web App (PWA) capabilities, and REST API integrations to improve application usability and maintainability.
 - Collaborated with UI/UX designers, backend developers, and stakeholders to deliver business requirements on schedule while maintaining code quality.
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SKILLS & OTHER EXPERIENCES

- **Technologies** : React.js, Angular, Next.js, Stencil.js, Ionic Framework, REST API
- **Core Web Technologies** : HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap
- **Programming Languages** : JavaScript, TypeScript
- **UI Frameworks** : Ant Design, Angular Material, PrimeFaces, Ionic Component
- **Frontend Architecture** : Micro Frontend, Module Federation, Nx Monorepo
- **Build Tools** : Webpack, Rspack/Rsbuid, Vite, CRACO
- **Testing** : Jest, React Testing Library, Unit Testing
- **Tools** : Git, Bitbucket, GitLab, GitHub, Jenkins, Nginx, Apache HTTP Server
- **Additional** : Vue.js, Laravel, Kotlin Android Development
- **Languages** : Indonesian (Native), English (Intermediate)

EDUCATION

STMIK Widya Cipta Dharma Samarinda, August 2015 - September 2019

Bachelor Degree in Information Technology, GPA 3.55/4.00

PROJECTS

Operation Request Portal (ORP) | Enterprise Banking Platform

Technologies : React.js, TypeScript, Redux Toolkit, Ant Design, Tailwind CSS, Single Sign-On (SSO) Keycloak, Module Federation, React Testing Library

- Architected and implemented a Micro Frontend architecture using Module Federation, integrating ORP as the host application with LMAP and Offload BDS as remote applications.
- Developed reusable frontend components and enterprise banking modules supporting RTGS, TT, Remittance, SKN, Custody, and other operational services.
- Led a complete UI modernization initiative and improved application quality through unit testing with Jest and React Testing Library.

E-Channel GO | ATM & CRM Monitoring Platform

Technologies : React.js, TypeScript, Redux Toolkit, Ant Design, Tailwind CSS, Progressive Web Application (PWA), React Testing Library, Google Maps API

- Developed monitoring dashboards for ATM and CRM operations using React.js with Google Maps integration.
- Implemented Progressive Web Application (PWA) capabilities to improve accessibility and user experience across devices.

Bulk Posting System (BPS) | Enterprise Banking Platform

Technologies : Angular, TypeScript, RxJS, Angular Material, Nx Monorepo

- Developed enterprise bulk transaction features including Bulk Upload, Approval/Rejection, Reporting, and Role-Based Access Control.
- Built reusable Angular components and shared UI libraries within an Nx Monorepo architecture to improve code reuse and maintainability.

Monev | Online Examination Management Platform

Technologies : Stencil.js, Angular, TypeScript, PrimeNG, Progressive Web Application (PWA)

- Developed and maintained 4 web applications (monev.co, app.monev.co, admin.monev.co, and portal.monev.co) using Stencil.js and Angular.
- Implemented reusable frontend components and Progressive Web Application (PWA) capabilities to support offline examination activities.

Kartu Mamuju Keren | Hybrid Mobile & Web Application

Technologies : Ionic Framework, TypeScript

- Developed hybrid Android and web applications using Ionic Framework.
- Designed responsive user interfaces and integrated RESTful APIs to support cross-platform functionality.
- Collaborated with stakeholders to deliver application features aligned with business requirements.