RYAN ANJASMARA

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Jakarta, Indonesia

A passionate Software Engineer with a strong eagerness to learn and adapt. With expertise in front-end and mobile development, I specialize in React Native, ReactJS and Next.js. I have experience building scalable web and mobile applications, integrating APIs, and optimizing performance. Beyond coding, I enjoy exploring new technologies, mentoring, and continuously improving my skills.

Work Experiences

Prudential Indonesia - Jakarta, Indonesia   Apr 2025 - Present
Frontend Engineer

- Developed a React Native Insurance Mobile Apps for the Agent (Sales).
- Developed a Angular Backoffice System.
- Write comprehensive unit tests using Jest to ensure the reliability of the mobile application.
- Implemented Agent Resignation and Termination feature.

Forgerz - France (Remote)   Sep 2024 - Apr 2025
Frontend Engineer

- Developed a customer-facing insurance web application using Next.js.
- Built an admin panel for managing the insurance application using Refine.js.
- Implement state management using React Context API.
- Integrate useQuery from React Query to efficiently fetch data from the database.
- Manage data updates and mutations using useMutation from React Query.
- Create deep links to redirect users to prefilled forms for a seamless experience.

Ralali.com - Jakarta, Indonesia   Nov 2019 - Apr 2020
React Native Developer

- Developed a React Native B2B mobile app.
- Implemented the promo payment feature, increasing the application's conversion rate by 10%.
- Write comprehensive unit tests using Jest to ensure the reliability of the mobile application.
- Monitored and analyzed application crashes using Crashlytics, reducing crash occurrences by 50%.
- Integrated Firebase Analytics to track application usage, helping the marketing team increase user engagement by 30%.
- Implement and manage state management using Redux for efficient data flow and application performance.
- Deploy the application to the Google Play Store.

Telkomsel - Pekanbaru, Indonesia   Mar 2019 - Jun 2019
PHP Web Developer (Intern)

- Developed an internal server monitoring application using CodeIgniter to track server status and performance, reducing downtime.
- Developed an internal Kanban board application using CodeIgniter for task and job tracking, boosting team productivity.
- Develop both the frontend and backend components of the applications.
- Deploy the applications to the local server.

Sinbad - Jakarta, Indonesia   Jun 2020 - Sep 2024
Software Engineer

- Developed a React Native B2B mobile app.
- Built a React.js web admin panel for managing the application.
- Developed a React.js web-based seller center for merchants.
- Designed and implemented a backend API with Nest.js and Golang.
- Collaborate with a team focusing on Shopping Cart, Checkout, Promo, and Voucher features.
- Integrated MoEngage to track mobile application usage, helping the marketing team increase user engagement.
- Integrated Sentry to monitor and analyze mobile application crashes, reducing crash occurrences by 50%.
- Developed an internal component library for the mobile application, accelerating development speed by 90%.
- Write comprehensive unit tests using Jest to ensure the reliability of the mobile application.
- Orchestrate and optimize API calls in the mobile application for efficient data handling and performance, reduce load time by 30%.
- Implement and manage state management using Redux for efficient data flow and application performance.
- Deploy the application to the Google Play Store.
- Migrated messaging system from Kafka to RabbitMQ for improved efficiency and reliability.

Education Level

University of Politeknik Caltex - Pekanbaru, Indonesia   Sep 2015 - Nov 2019

Bachelor of Science in Computer Science, 3.72/4.00

- Wrote a thesis on the development of a mobile application for Japanese language learning using Android Studio.
- Served as a Technology Department staff member in a student organization.
- Competed in multiple programming and software development competitions, showcasing problem-solving and technical skills.
- Organized and contributed to technology events at the university, fostering innovation and collaboration among students.

Projects & Contributions

Development of Sinbad Mobile Component Library   Feb 2021 - Sep 2024

Library Maintainer

- Migrated all existing components to the new library for improved maintainability and consistency.
- Redesigned components to be more dynamic and adaptable for general use.
- Created comprehensive documentation and implemented Storybook to ensure easy adoption and usage of the library.
- Implemented unit tests using Jest to enhance reliability and achieve 100% bug reduction in components.

Development of MyKost App   Mar 2021 - Sep 2021

Full-Stack Developer

- Developed a React Native mobile app for landlords and tenants, enabling property listings and bookings.
- Built a RESTful API using PHP to handle data exchange.
- Translated user requirements into a functional app design for an intuitive user experience.

Development of Alzheimer Identification App   Jan 2020 - Aug 2020

Full-Stack Developer

- Developed the backend using Python and integrated it with a Support Vector Machine (SVM) model for Alzheimer's detection.
- Built a user-friendly web interface using Laravel for data input and result display.
- Implemented interactive graphs for clear result visualization.

Skills & Tech Stack

- **Programming Language**: TypeScript, JavaScript, PHP, Python, Golang
- **Frontend**: React Native, React.js, Next.js, Refine.js, Vue.js, CodeIgniter, Laravel, Redux, React Query, Tailwind CSS
- **Backend**: Nest.js, Kafka, RabbitMQ
- **Cloud Services**: AWS, GCP
- **Testing & Monitoring**: Jest, Sentry, MoEngange, Firebase