



MUHAMMAD RIGI YUDA SYAHRIAL

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Sukabumi, Jawa Barat, Indonesia

Front-End Developer specializing in modern JavaScript ecosystems (React.js, Vue.js, TypeScript). Experienced in designing responsive and interactive web and mobile interfaces, as demonstrated through the development of an e-commerce platform (TechGears) and an SME management application (Larisin). Familiar with RESTful API integration, state management, and component-based architecture. Committed to writing clean, efficient, and maintainable code.

Work Experiences

TechGears – E-Commerce Web Application

Front-End Developer

- Architected a scalable client-side architecture using Zustand for global state management, implementing persisted cart and wishlist functionality with complex price calculation logic.
- Developed a centralized API layer using Axios interceptors to handle JWT authentication, automatic token injection, and global error handling across the application.
- Optimized rendering performance by implementing debounced search algorithms and memoized product filtering features (useMemo), ensuring smooth user experience with large datasets.
- Built modular and accessible UI components (Modals, Dropdowns) using Headless UI and Tailwind CSS, achieving a 100% responsive design for mobile and desktop users.

Larisin – MSME Management Mobile App

Mobile Developer

- Engineered a real-time mobile POS application using React Native CLI, integrating Firebase Firestore listeners (onSnapshot) to synchronize transaction data instantly across devices without manual refresh.
- Implemented a serverless architecture handling Authentication, NoSQL database operations, and Cloud Storage for product image management, ensuring offline persistence capabilities.
- Developed a high-performance custom navigation system using React Navigation with a fully customized Tab Bar component and smooth screen transitions.
- Designed a scalable UI system with centralized theming and optimized FlatList rendering to handle large transaction datasets efficiently.

Education Level

Nusa Putra University - Sukabumi, Indonesia

Sep 2023 - Mar 2027 (Expected)

Bachelor of Informatics Engineering, 3.67/4.00

- Award: Recipient of full 8-semester athletic scholarship.

Skills, Achievements & Other Experience

- Programming Languages:** TypeScript, JavaScript (ES6+), PHP.
- Library and Framework:** React.js, React Native CLI, Laravel, Tailwind CSS, Zustand (State Management), React Navigation.
- Databases:** MySQL, Firebase Firestore.
- Tools:** Git & GitHub, REST API Integration (Axios), Postman, Figma (UI Slicing), VS Code, Android Studio.