

RIAN AFRIANTO

Full Stack Developer

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SUMMARY

I am a Full Stack Developer with over 2+ years of experience in developing and integrating software systems. I specialize in creating user-friendly UI (Frontend) and building REST APIs (Backend) to support various business functions. One of my biggest achievements was successfully integrating an EMR system with a third-party system, which streamlined processes and improved operational efficiency. I am accustomed to working closely with cross-functional teams to define new features and build reusable, scalable components. Ready to adapt and bring my skills to different industries to create impactful digital solutions.

WORK EXPERIENCE

ACKTEC TECHNOLOGIES PTE LTD

Full Stack Developer (Nov 2024 - Present)

- Customize web-based management system.
- Build robust and scalable software and platform by building new features, debugging and optimizing the application.
- Work with both front-end and back-end coding, development of frameworks and third-party libraries.
- Write clean code to develop functional web applications on mobile and desktop.
- Implementation of security and data protection.
- Design and implementation of data storage solutions support internal improvement.
- Write technical documentation.

PT. BITHEALTH TEKNOLOGI PINTAR

Associate Full Stack Developer (Sep 2022 – Sep 2024)

- Developed reusable components and integrated with backend APIs.
- Successfully integrated AIDO HIS EMR system with the Indonesian Healthcare Government System (BPJS), enabling automated patient data submission, real-time service validation, and faster claim processing. This integration has been implemented in 10 hospitals.
- Work with team to define and prototype feature specifications.
- Design, enhance and build new features and service.
- Design, write and deliver software to improve the availability, scalability, latency and efficiency of application services
- Write technical documentation.

PROJECT EXPERIENCE

• Aido HIS EMR

A private hospital required a fully integrated Electronic Medical Record (EMR) system to digitize patient records and streamline hospital operations. I was responsible for designing and developing a comprehensive EMR system that connects essential hospital modules such as registration, outpatient and inpatient services, pharmacy, and laboratory. As a Full Stack Developer, I built the user interface using React.js and developed RESTful APIs with Node.js and Express, backed by a MySQL database. I implemented JWT-based authentication, role-based access control for doctors, nurses, and admins, as well as key features like medical record entry, patient data search, and report generation. The system was architected to be modular and scalable, allowing for future enhancements. It has been successfully deployed in multiple hospitals, improving the efficiency of medical record input by up to 40%. Due to the nature of the project, access is restricted and not publicly available.

Project Link: [Vendor Aido HIS EMR](#)

- **Hirostore – E-commerce**

A client required a custom e-commerce platform to sell electronic and household products online with a modern and user-friendly interface. I was tasked with building a complete e-commerce solution, including a responsive customer-facing website and a functional admin dashboard for managing products and orders. As a Fullstack Developer, I built the frontend using React.js and Tailwind CSS, while developing the backend using Node.js, Express, and MySQL. I implemented core features such as product listing, category filtering, shopping cart functionality, and order management. On the admin side, I developed tools for managing inventory, updating product data, and viewing order history. I also handled the integration between the frontend and backend using RESTful APIs. The platform was successfully launched and processed over 100 transactions in its first month, receiving positive feedback for its clean UI and smooth user experience.

Project Link: [Hirostore.id](https://hirostore.id)

- **Kiqs – Learning Management System**

An educational institution needed a Learning Management System (LMS) to deliver online courses, manage students, and track learning progress in a centralized platform. I was responsible for building a scalable and user-friendly LMS that allows students to enroll in courses, access learning materials, and complete quizzes, while also enabling administrators to manage content and monitor user activity. As a Fullstack Developer, I developed the frontend using React.js and Ant Design, and built the backend using Node.js, Express, and MySQL. I implemented key features such as course enrollment, video-based lesson modules, quiz submissions, and user progress tracking. Additionally, I created an admin panel to manage users, courses, and analytics. The platform has been fully developed and is currently in the staging phase, having passed internal testing and is ready to onboard users once the client proceeds with the launch.

Project Link: [Kiqs LMS](#)

EDUCATION

- **Purwadhika Digital Technology School (Feb 2022),**
Full Stack Web Development

- **Mercu Buana University (2017 – 2021)**
Bachelor of Electrical Engineering, 3.35

LICENSES & CERTIFICATION

- **Purwadhika Digital Technology School (Feb 2022)**
Full Stack Web Development
Link: [Google Drive](#)

- **Skilvul UI/UX Design Mastery (October 2021)**
Completion Mastery Design with Figma
Link: [Google Drive](#)

SKILLS

- Javascript, Typescript, PHP & Python Programming.
- React JS, Next JS, Redux, HTML5, CSS, SASS, Tailwind, Antd, Shadcn UI, Material UI.
- NodeJS, NestJS, ORM (Prisma & Sequelize), JSON Web Token.
- SQL Database & Query (MySQL & PostgreSQL)
- No SQL Database (MongoDB)
- Digital Ocean, AWS, Plesk.
- RabbitMQ, Elasticsearch, Docker, Midtrans.
- Wordpress, Framer Motion.
- Git, Github & CI/CD.
- Visual Studio Code, Postman