

RIZKY NOOR ICHWANUDIN, S.Kom

Full-Stack Developer | Web Developer

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Portfolio: <https://rizky-noor.vercel.app/>

PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with a proven track record of building scalable web applications and optimizing complex data systems. Expertise in modern front-end frameworks (Vue.js, React.js) and robust back-end architectures (Laravel, Node.js). Passionate about writing clean, maintainable code and heavily leveraging AI coding assistants (Claude, ChatGPT, Gemini) to accelerate development cycles, reduce boilerplate, and solve complex architectural challenges.

TECHNICAL SKILLS

Frontend	Vue.js	React.js	Next.js	HTML5	CSS3	Tailwind CSS
Backend	PHP	Laravel	Node.js	Express.js		
Languages	JavaScript	TypeScript	Dart	SQL		
Mobile Dev	Flutter					
Databases & ORM	MySQL	PostgreSQL	Prisma ORM	Sequelize	Firebase	
Tools & AI	Agentic AI Workflow	Git/GitHub	Postman	RESTful APIs	Agile/Scrum	

WORK EXPERIENCE

Full-Stack Developer | Rumah Sakit Paru Dr. H.A. Rotinsulu

September 2026 – Present | Bandung, West Java

- Engineered new core modules: Developed and deployed a comprehensive Ultrasound (USG) Results Module from scratch, designing the database schema and enabling historical patient tracking via Medical Record IDs.
- Architected robust data integrations: Developed a resilient laboratory result data model with an API fallback mechanism, ensuring seamless data retrieval from both internal databases and external services via Order Numbers (ONO), significantly improving system reliability.

- Optimized Electronic Medical Records (RME): Modernized the RME and inpatient Early Warning System (EWS) by refactoring UI components, optimizing pharmacy drug search functionalities, and implementing dynamic data population for surgical procedure documentation.
- Streamlined clinical workflows: Improved user experience and operational efficiency by enhancing external document upload capabilities, refining pharmacy notification templates, and automating PDF generation for patient resumes directly from the database.
- Ensured system compliance: Conducted rigorous functional testing for critical third-party integrations, including the ASPI (Asosiasi Sistem Pembayaran Indonesia) payment gateway.

Information Technology Specialist | Rumah Sakit Umum Raffa Majenang

November 2021 – June 2023 | Majenang, Central Java

- Drove digital transformation: Executed a seamless, zero-data-loss migration of patient records, pharmacy inventories, and financial data from legacy SIMRS Desktop to a modern web-based SIMRS-GOS platform.
- Achieved compliance standards: Spearheaded IT infrastructure optimizations, playing a pivotal role in ensuring the hospital met strict medical compliance standards to achieve Plenary Accreditation (Akreditasi Paripurna) in October 2022.
- Managed CI/CD deployments: Handled the complete deployment lifecycle of the SIMRS-GOS system, systematically testing vendor updates in the Development server before staging and pushing to Production.
- Accelerated data reporting: Optimized complex SQL queries to significantly speed up the processing and delivery of custom operational and managerial hospital reports.
- Led technical adoption: Conducted technical training sessions and created documentation for medical and non-medical staff to ensure high adoption rates of the new SIMRS-GOS applications.

Web Developer Intern | Campus Data Media

January 2020 – February 2020 | Semarang, Central Java

- Developed core features for a web-based SDI psychological test application using Laravel and JavaScript, managing both system logic and database architecture.
- Implemented dynamic data visualization for test results using JavaScript Canvas to present interactive and user-friendly score reports.

Computer Lab Assistant | Universitas Dian Nuswantoro

March 2020 | Semarang, Central Java

- Collaborated with the Head of Laboratory to configure hardware and software infrastructure, providing real-time technical troubleshooting for students during practicum sessions.

PROJECTS

Full-Stack Developer (Project-Based) | MA Pesantren Pembangunan Majenang

August 2024 – August 2026 | Majenang, Central Java

- **Developed Web Platforms:** Architected and deployed a comprehensive student admission system (PMB) and an official school landing page utilizing React.js, Vue.js, TypeScript, Tailwind CSS, Prisma ORM, and MySQL.
- **Engineered Mobile Security Solutions:** Built and implemented a mobile examination security application (CBT/Kiosk mode) across Android, iOS, and Web platforms using Flutter to ensure exam integrity and prevent cheating.
- **Maintained Core Systems:** Performed system maintenance and bug fixing for the web-based student administration system (E-SOP), ensuring high availability for school operations.
- **Managed IT Infrastructure:** Administered local servers and database systems for Computer-Based Testing (CBT), optimizing performance and minimizing technical disruptions.
- **Ternakindo Attendance System (Freelance):** Built a full-stack client-server attendance application using React.js, TypeScript, Tailwind CSS, Prisma ORM, and MySQL to digitize employee tracking.
- **KPUM INSIMA Information System (Freelance):** Developed a student election management system using React.js, TypeScript, Tailwind CSS, Prisma ORM, and MySQL to support campus voting processes.
- **Bootcamp Projects (Online Grocery, POS Cashier, Event Management):** Built multiple scalable full-stack platforms featuring real-time stock management, payment gateway integration (Midtrans), and interactive dashboards using React.js, Express.js, MySQL, Sequelize, Redux, and Firebase.
- **Digital Wedding Invitation:** Created a dynamic full-stack digital invitation app utilizing Vue.js, featuring dynamic guest lists and RSVP management.

EDUCATION

Universitas Dian Nuswantoro

Bachelor's Degree (S1), Informatics Engineering | **GPA: 3.34 / 4.00**

LICENSES & CERTIFICATIONS

- Full Stack Web Development - Purwadhika Digital Technology School (2024)
- JavaScript (Basic), React (Basic), SQL (Basic) - HackerRank (2024)