

DARELL RANGGA PUTRA RACHMAN

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PROFESSIONAL SUMMARY

Highly motivated Information Systems undergraduate at Universitas Bina Sarana Informatika (4.00 GPA) with proven experience as a Freelance Full Stack Developer. Technically proficient in engineering modern web applications utilizing Laravel, React, Next.js, and Vue. Experienced in independently delivering complex projects, ranging from robust backend systems to highly interactive frontends, while prioritizing performance optimization, security, and scalable architecture. Eager to leverage my skills as a Full Stack Developer to build end-to-end, production-grade web solutions.

WORK EXPERIENCE

Freelance Full Stack Developer | Self-Employed

Dec 2024 – Present

- Developed and maintained highly responsive Single Page Applications (SPAs) tailored to client requirements utilizing Laravel, React, and Next.js.
- Translated complex business needs into functional technical solutions, including the seamless integration of the Midtrans Payment Gateway and the architecture of complex database management systems.
- Ensured high-quality, maintainable codebases by strictly adhering to clean code principles, enforcing type safety with TypeScript, and optimizing for peak performance based on Core Web Vitals.
- Successfully delivered mid-scale, end-to-end projects, including a comprehensive Dealership Management System and a real-time Travel Booking Platform.

EDUCATION

Bachelor of Information Systems | Universitas Bina Sarana Informatika

Sept 2024 – Present

- GPA: 4.00 / 4.00
- Relevant Coursework: Web Application Development, Relational & NoSQL Databases, and Information Systems Analysis and Design.

KEY PROJECTS

SRB Motor V3 (Web-based Workshop & Dealer Management)

Nov2025 - Present

<https://github.com/Rangga11268/SrbMotorV3>

- Developed an integrated dealer and workshop management system using Laravel & React/Inertia.js to manage motorcycle catalogs and workshop operations.
- Designed digital sales features, including interactive unit catalogs and a structured motorcycle credit application system for customers.
- Implemented workshop operational automation, encompassing online service booking, mechanic task management, and real-time job status monitoring.
- Integrated Midtrans Payment Gateway and automated notification systems for payment invoices and vehicle document (STNK/BPKB) scheduling.

Tunggal Jaya Transport (Ticketing & Fleet Management System)

Sept 2025 - Dec 2025

<https://github.com/Rangga11268/TunggalJayaTransport>

- Developed a real-time bus ticket booking system featuring interactive seat selection and QR code-based digital ticketing.
- Implemented OTP verification and integrated a Payment Gateway to ensure secure and seamless transactions.
- Built a comprehensive Fleet Management module to track buses, drivers, and route schedules efficiently.
- Designed and deployed Role-Based Access Control (RBAC) to secure administrative and operational data access.

TECHNICAL SKILLS

- Languages: JavaScript (ES6+), PHP, SQL, Python, TypeScript.
 - Frameworks & Libraries: Laravel, React.js, Next.js, Vue.js, Inertia.js, Tailwind CSS, Pandas, NumPy.
 - Backend & Database: Node.js, MySQL, PostgreSQL, MongoDB.
 - Tools: Git/GitHub, VS Code, Postman, AntiGravity, Jupyter Notebook.
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CERTIFICATION

- Certificate of Competence in Database Systems - Issued by PHPID COMMUNITY, July 2025.