

RIFKY MAULANA

Software Engineer | Business Intelligence Developer | Backend & Solution-Oriented Developer

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SUMMARY

Software Engineer with experience building and maintaining business applications, BI dashboards, and REST APIs across corporate, freelance, and personal projects. I focus on understanding the problem, analyzing business flow, validating assumptions, and choosing the most practical solution rather than being tied to a specific framework or tool. Adaptable and fast-learning, with hands-on experience moving between Business Intelligence tools, web applications, APIs, deployment work, and QA responsibilities based on project needs. Core strengths: problem analysis, solution design, backend/API development, BI dashboard development, QA validation, debugging, and turning ambiguous requirements into usable systems.

CORE STRENGTHS

Problem Analysis Break down unclear requirements into concrete system behavior and delivery steps.	Business Intelligence Build, validate, and maintain dashboards, planning solutions, and business reporting logic.	Backend & APIs Design maintainable services, data flow, integrations, authentication, and operational features.
QA & Reliability Validate calculations, workflows, edge cases, and release readiness before production use.	Adaptability Comfortable learning unfamiliar tools quickly when they are the right fit for the problem.	Team Discussion Enjoy discussing with teams and stakeholders to find practical solutions together.

WORK EXPERIENCE

Back-end Developer / MotionBoard Developer / QA Board | PT. Sazanka Heng Solusi | Jul 2023 - Present | Indonesia

- Develop and maintain Business Intelligence solutions, dashboards, and planning-related applications for operational business needs.
- Analyze stakeholder requirements, data flow, and business logic before translating them into dashboards, APIs, workflows, or technical implementation plans.
- Perform QA Board responsibilities by validating calculations, workflows, dashboard behavior, edge cases, and release readiness.
- Led and contributed to web application projects such as POINTS and Workflow as backend/lead developer, covering API design, database handling, deployment, and production support.
- Adapted across projects with different tools and delivery contexts, proving the ability to learn quickly and choose tools based on the problem rather than personal preference.

Selected project - POINTS - Internal business application

Built and maintained backend services for an internal application, including API structure, database integration, file handling, and support for frontend consumption.

Implementation focus: REST API, relational database design, file upload handling, deployment and maintenance.

Selected project - Workflow - Business workflow web application

Worked as lead/backend developer for a web project involving workflow logic, API development, database management, and deployment to an IIS-based environment.

Implementation focus: Backend service design, frontend-backend integration, SQL Server management, IIS deployment.

Selected project - BI / Board / MotionBoard work - Dashboard and planning solutions

Developed and validated BI dashboards and planning solutions to support reporting, monitoring, and business decision-making.

Implementation focus: Business logic validation, dashboard QA, BI data flow, stakeholder requirement analysis.

WordPress Developer | PT. Qodr Bee Berinovasi | Dec 2018 - Aug 2023 | Yogyakarta, Indonesia

- Created, customized, and maintained WordPress-based systems, including custom features, plugins, themes, bug fixes, testing, and performance improvements.
- Worked directly with project requirements and existing systems to diagnose issues, improve features, and keep websites stable for users.
- Delivered projects including asset management, SIPD-related applications, and WooCommerce/WhatsApp automation-related systems.

Laravel / Lumen Developer | NATARI.ID - Freelance | Jan 2021 - Dec 2022 | Remote

- Worked with a team to develop and maintain APIs for an attendance application, including bug fixing, testing, maintenance, and performance improvement.
- Translated application needs into backend endpoints and supported API reliability for frontend/mobile usage.

Electrical Engineer | PT Ungaran Sari Garments | Aug 2017 - Jan 2018 | Semarang, Indonesia

- Early professional experience in engineering operations, troubleshooting, and technical problem solving before transitioning into software development.

SELECTED PERSONAL PROJECTS

SIKASIR - Cashier / sales management application | github.com/rifkymol/sikasir

Built a personal cashier system with dashboard summary, transaction management, product flow, authentication, sales reporting, and spreadsheet import/export support.

Implementation focus: Full-stack web application, REST API backend, relational database, authentication, data import/export.

Resepkan - Full-stack web application | github.com/rifkymol/resepan

Built a web application with structured frontend pages, backend-driven data management, relational database support, and image/export processing.

Implementation focus: Server-driven frontend, relational database, component-based UI, visual export processing.

Note App REST API - Backend learning project

Developed a REST API for note management with authentication and endpoint testing to strengthen backend fundamentals.

Implementation focus: API design, authentication, relational database, Postman testing.

Formula 1 Real-Time Leaderboard - Python experiment

Explored a Python-based real-time leaderboard concept to display live race positions and related race details when data is available.

Implementation focus: Python scripting, real-time data exploration, event-driven display logic.

CERTIFICATIONS

- Board Academy - Level 200: Building a Planning Solution in Board, issued May 2025, 19 hours, Credential ID: u9mbs6moppaw.
- WingArc Customer Success Academy - MotionBoard Expert, certified Aug 2024, valid for three years.
- Dicoding - Back-End Developer Intermediate, June 2022.

TECHNICAL ORIENTATION

I intentionally frame my skills by problem area instead of only by framework. Tools are implementation choices; the main value is choosing, learning, and applying the right tool for the problem.

Backend & APIs: REST API design, authentication, data validation, integration, maintenance, testing, and performance troubleshooting.

Business Intelligence: Dashboard development, planning solution support, data flow validation, business logic verification, Board and MotionBoard usage.

Databases: Relational database design and operations using SQL Server, PostgreSQL, MySQL, and SQLite depending on project context.

Frontend Collaboration: Comfortable working with modern web frontends, component-based UI, routing, API consumption, and user-facing workflow behavior.

Deployment & Operations: IIS deployment, environment configuration, production support, debugging, and release validation.

Frequently Used Tools: JavaScript/TypeScript, Python, PHP, Node.js, Express.js, Laravel/Lumen, Django REST Framework, Vue, React, Git, Postman, SSMS.

EDUCATION

Undergraduate Study - Ongoing | Universitas Terbuka Indonesia | Current

- Continuing formal education while working professionally in software development.

QODR Bootcamp | Software Development Bootcamp | Jan 2018 - Nov 2018

- Focused on practical web development, software engineering foundations, and project-based learning.

Vocational High School 7 Semarang | Electrical Engineering | May 2013 - Aug 2017

LANGUAGES & INTERESTS

- Languages: Indonesian - Native/Bilingual; English - Intermediate.
- Interests: self-development, project management, storytelling, problem solving, writing, reading, AI learning, and practical software delivery.