

Rizky Riyadi, Software Engineer

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LINKS

[Github](#), [Linkedin](#), [Portofolio](#)

PROFILE

Highly motivated and detail-oriented Software Engineer with hands-on experience in software design, installation, testing, and maintenance. Skilled in utilizing the latest development tools and procedures. Known for effectively managing independent projects and excelling in collaborative team settings. Quick to learn and proficient in navigating various software programs and systems, ensuring high performance and reliability.

EXPERIENCE

Feb 2024 — Jun 2024

Software Engineer Intern, Telkomsel

South Jakarta

- **Node.js Boilerplate Development:** Contributed to creating and maintaining a robust Node.js boilerplate project, establishing a solid foundation for various applications.
- **Micro services Architecture:** Designed and implemented scalable micro services using REST APIs, gRPC services, and GraphQL endpoints.
- **NestJS Framework Expertise:** Utilized the NestJS framework to develop maintainable and efficient server-side applications.
- **Modular System Design:** Developed and integrated key modules such as logging, configuration management, and REST client-server communication, enhancing system functionality.
- **Test-Driven Development (TDD):** Applied TDD methodologies using Jest, crafting comprehensive unit and integration tests to ensure high code quality.
- **Centralized Configuration Management:** Implemented a centralized configuration service using Consul, promoting consistent configuration management.
- **Data Integrity and Validation:** Designed Data Transfer Objects (DTOs) with robust validation mechanisms to ensure accurate service communication.
- **Inter-Service Communication:** Enabled seamless communication between microservices through gRPC, improving system interoperability.
- **Cross-Cutting Concerns Management:** Developed and integrated middleware and interceptors for logging, request validation, and other cross-cutting concerns, improving system robustness and maintainability.
- **Data Persistence and ORM:** Designed data entities and repositories leveraging TypeORM and other ORM tools, ensuring efficient data storage and retrieval.
- **Code Quality Assurance:** Configured and enforced ESLint and Prettier standards to maintain high code quality and consistency across the project.
- **Continuous Integration and Deployment (CI/CD):** Established CI/CD pipelines to automate testing and deployment processes, ensuring efficient and reliable software delivery.
- **Comprehensive Documentation:** Authored and maintained detailed documentation to facilitate project onboarding and enhance overall project understanding for team members.
- **Performance Monitoring:** Configured OpenTelemetry, zipkin, grafana for comprehensive monitoring and performance analysis of applications.

Jun 2023 — Aug 2023

Dynamic Weather Insights, Personal Projects

- Developed a real-time weather information website, providing users with accurate forecasts through an intuitive and responsive interface.
- Demonstrated proficiency in frontend and backend development, ensuring a seamless user experience across devices.
- Designed the platform to offer easy access to reliable weather data, enhancing user engagement and satisfaction.

Jun 2023 — Jul 2023

CRUD Golang Rest API, Personal Projects

- Created an efficient API using Golang to enable users to perform CRUD operations on multiple entities.
- Established relationships between different tables, optimizing data management and retrieval processes.
- Demonstrated a deep understanding of API design principles and backend architecture.

SKILLS

Programming Languages:
NodeJS, JavaScript, Golang,
TypeScript, Java
Frameworks: NestJS, Gin

Development Tools:
GitHub, Postman, Dokcer,
OpenTelemetry, zipkin,
grafana, prometheus

Databases: MySQL

Other Skills: CI/CD, REST
APIs, gRPC, GraphQL, Linux
System

COURSES

Mastering Go-Lang Programming: From Novice
to Proficient,
[udemy.com/certificate/UC-cc67ebc8-2b18-4fa6-8fb4-ff6ea8641dff/](https://www.udemy.com/certificate/UC-cc67ebc8-2b18-4fa6-8fb4-ff6ea8641dff/)

EDUCATION

Sep 2021 — Present

Bachelor, Gunadarma University
Computer Science, GPA 3.68

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