Fery Reza Aditya

Backend Engineer

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GitHub | Linkedin | HackerRank

EDUCATION

UNIVERSITY OF AMIKOM YOGYAKARTA   August 2017 - January 2023
Informatics Bachelors   Yogyakarta, Indonesia
GPA: 3.45

EXPERIENCE

UNIVERSITY OF AMIKOM YOGYAKARTA | Assistant Lecturer Yogyakarta, Indonesia | September 2018 – December 2020

- Conduct lectures, tutorials, and lab sessions as assigned.
- Pursue ongoing professional development opportunities to enhance teaching skills.
- Provide timely and constructive feedback to students to aid in their learning process.

PT. BAYANAKA DESTIANA NUSANTARA (TRAVLING.ID) | Full Stack Engineer Yogyakarta, Indonesia | January 2020 – October 2020

- Develop responsive and user-friendly interfaces using Nuxt.js (SSR Vue.js).
- Design, implement, and maintain server-side logic using Node.js and PHP.
- Optimize database queries for performance and scalability using MongoDB.

PT NYALA INOVASI PROPERTI (KOALA.ID) | Backend Engineer   Jakarta, Indonesia | March 2021 – July 2021

- Design, implement, and maintain server-side logic using Go Programming (Golang).
- Contribute to the design and development of microservices architecture, leveraging gRPC as a communication protocol.
- Troubleshoot and debug issues in a distributed system environment.

PT. SAKA UNITI INDONESIA (GOKOMODO.COM) | Backend Engineer   Jakarta, Indonesia | November 2021 – May 2024

- Create powerful, flexible, highly scalable APIs with go (golang).
- Develop various backend systems and operations.
- Develop and implement comprehensive unit tests for backend components to ensure code correctness, reliability, and scalability.
- Participate in design reviews, code reviews, on-call rotations.
- Collaborate with cross-functional teams to integrate ERP (Odoo) systems into the overall technology stack.
- Develop data mapping and transformation processes to align data structures between ERP (Odoo) systems and other databases or applications.

SKILLS

Programming Languages	Go, Java, Javascript
Libraries/Frameworks	Gorilla Mux, Nest.js, Node.js, Gin, Go-Chi, gRPC, Express.js, Typescript, Sequelize, Gorm, Spring, Redis
Tools / Platforms	Docker, Kubernetes, Jetbrains, Postman, Apache Kafka, Apache JMeter, Git, Github, Consul, Jeager, Opentracing

Databases	PostgreSQL, MySQL, MariaDB, Redis, ElasticSearch, CassandraDB

PROJECTS / OPEN-SOURCE

ECOMMERCE-MICROSERVICES-V2	Link	Go, TypeScript, Makefile, JavaScript, Dockerfile, Shell
DESIGN PATTERN IN GO	Link	Go
ECOMMERCE WITH EVENT DRIVEN GO	Link	Apache Kafka, Go, Redis, ElasticSearch, gRPC, PostgreSQL, Echo Framework, Microservices, RabbitMQ, Docker, GraphQL, CQRS, SAGA, Event Sourcing
NEST.JS REST & STREAM EXAMPLE	Link	Javascript, Typescript, Nest.js, Apache Kafka, Rest API
BASIC SARAMA GO EXAMPLE	Link	Go, Sarama, Echo Framework
SOCCER API	Link	Go, Echo Framework
NODE.JS TYPESCRIPT REST	Link	Node.js, Typescript, REST API
BOOK STORE OAUTH LIBRARY	Link	Go
BOOK STORE USERS SERVICE	Link	Go, Gin Gonic, gRPC
BOOK STORE ITEM SERVICE	Link	Go, Elasticsearch, Gin Gonic

CERTIFICATIONS

- Go (Basic) - HackerRank
- Rest API (Intermediate) - HackerRank
- Apache Kafka Series - Learn Apache Kafka for Beginners V3 - Udemy
- NestJS Zero to Hero - Modern Typescript Back-end Development - Udemy
- Event-Driven Microservices, CQRS, SAGA, Axon, Spring Boot - Udemy
- NGINX Fundamentals: High Performance Servers from Scratch - Udemy
- The Nuts and Bolts of OAuth 2.0 - Udemy
- Clean Code - Udemy
- Understanding Typescript - Udemy
- Redis for Beginners: Get Hands On with Redis - Udemy
- Complete Guide to Elasticsearch - Udemy
- Design Pattern in Go - Udemy
- How to design & develop REST microservices in Golang (Go) - Udemy
- gRPC [Golang] Master Class: Build Modern API & Microservices - Udemy
- Go (Golang) Programming: The Complete Go Bootcamp - Udemy
- NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno) - Udemy
- Hands on With Docker & Docker Compose From a Docker Captain - Udemy