Contact

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(LinkedIn)

Top Skills

Go (Programming Language)
Java
Node.js

Languages

English (Professional Working)
Indonesian (Native or Bilingual)

Certifications

Building Blocks of Express.js
Advanced Node.js
Advanced Design Patterns: Design Principles
On Track With Golang
Node.js: Design Patterns

Muhammad Ito Fachruzzaman

Software Engineer Lead at Tokopedia | Bytedance
Yogyakarta, Indonesia

Summary

Software Engineer with over 6 years of experience in helping to build technologies in startup companies.
Hands-on experience in backend: Java, Javascript, Go.

Experience

Tokopedia
Software Engineer Lead
February 2022 - Present (2 years 4 months)
Yogyakarta, Indonesia

Tokopedia is the largest marketplace in Indonesia with tens of million monthly active users

Responsibilities
- Providing technical guidance, direction, and mentorship to the engineering team
- Managing projects and ensuring they are delivered on time, within scope, and to ensure that they have high scalability
- Collaborating with Principal Engineer and Technical Architect to lead the design and architecture of software systems, as well as reviewing and approving code changes
- Effectively communicating with stakeholders, including product managers, designers, and other engineering teams, as well as collaborating with cross-functional teams to drive projects forward

Impact
- Successfully downscaled our data source instances both horizontally and vertically, resulting in savings of tens of thousands of dollars annually
- Optimized our main service traffic load which impacting cost saving thousands of dollars annually
- By leading the development of our flagship products, Review Video & Review Competition, we've successfully increased review submission rate up to 5%

- Enabling each team member to be a PIC for some big projects after providing examples of effective project leadership.

tiket.com
5 years 6 months

Technical Lead
March 2021 - February 2022 (1 year)
Yogyakarta, Indonesia

- Design architecture for new microservice and document it.
- Maintaining, monitoring, and improve the quality of every microservice.
- Responsible to create timeline together with Product team based on team member workload.
- Build Discount Engine from scratch with Go, MongoDB, gRPC, Kafka.
- Build Discount Rule Dashboard integrated with A/B Testing Platform (Apptimize)

Senior Software Engineer
January 2019 - February 2021 (2 years 2 months)
Greater Jakarta Area, Indonesia

- Worked closely with Development Team, Product Manager and DevOps to deliver high availability solutions.
- Worked closely with Tech Lead to standardize code and implement best practices.
- Migrate Flight Discovery functionality from monolith to microservices
- Build Flight Discovery services in Flight Team: Flight Search, Flight Pricing, etc
- Stack: Spring boot Webflux, Kafka, Redis. MongoDB

Software Engineer
September 2016 - December 2018 (2 years 4 months)
Greater Jakarta Area, Indonesia

Build scalable backend system using Microservice Architecture with PubSub mechanism like Kafka/RabbitMQ.

Ayolah
Backend Engineer
September 2016 - October 2017 (1 year 2 months)
Greater Jakarta Area, Indonesia

Develop RESTful API written in python language using Django framework.

PT. Dinamika Mitra Sukses Makmur (DMSUM)

Software Engineer
June 2015 - February 2016 (9 months)
Greater Jakarta Area, Indonesia

- Responsible for development on E-Commerce project called Mentimun Pasar Rakyat.

- Cooperate with Nomura Research Institute (NRI) to provide required APIs in model layer (Business Oriented Solution Framework) using Java 8 on Mentimun Pasar Rakyat.

Laboratorium Terpadu Informatika UII
Laboratory Instructor
August 2013 - July 2015 (2 years)
Yogyakarta Area, Yogyakarta, Indonesia

Teaching Object Oriented Programming

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Education

Universitas Islam Indonesia
Bachelor's Degree, Information Technology