

Muhammad Fathir Irhas

SOFTWARE ENGINEER · BACKEND DEVELOPER

Jakarta - Tangerang

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Summary

Highly passionate and enthusiast Software Engineer mostly in backend development and little frontend stuffs. Always learning to improve skills and willing to share. Able to work independently and in team. Write good and testable code and refactor them if needed. Provide solutions and improvement if needed. Have experiences developing system and services.

Education

Telkom University

SARJANA KOMPUTER(S.KOM)

Bandung, Indonesia

2012 - 2016

Experience

Tiket.com

BACKEND ENGINEER

- Working in Flight Prepurchase team.
- Tech stacks: Java Spring with reactive framework(Spring Reactive), MongoDB, Redis, Kafka, RabbitMQ, etc.

Jakarta, Indonesia

Nov 2020 - Present

Tokopedia

SOFTWARE ENGINEER

- Use Golang, Javascript, PostgreSQL, MySQL, Redis, NSQ, gRPC, and GraphQL.
- Contribute in Saldo Tokopedia, Internal Tools, and some investment products.
- Contribute in Saldo Tokopedia Saldo Penghasilan separation.
- Revamp Saldo Tokopedia legacy front end.
- Rewrite Saldo Tokopedia legacy codebase to implement interface based development and creating testable code.
- Implement unit tests.
- Develop services doing CRUD in PostgreSQL and MySQL as persistence and Redis as cache.
- Develop APIs in REST, gRPC, and GraphQL.
- Develop message queue using NSQ.
- Develop cron for task scheduling.
- Create EGold(Tokopedia Emas) metrics monitoring in datadog.
- Monitor services from datadog, prometheus, and server log.
- Collaborate with other team to provide interface and integration to/from Fintech's products/services.
- Migrate some legacy internal API from Perl to Golang.
- Execute tickets coming from users through ops team relating to issues in products.

Jakarta, Indonesia

Jul 2018 - April 2020

Anabatic Technologies

TECHNICAL CONSULTANT

- Monitor client's app running
- Support product development and customization

Serpong Tangerang, Indonesia

Jan 2018 - Jun 2018

Emporia Digital Raya, Anabatic Technologies

SOFTWARE ENGINEER(JUNIOR)

- Work in Agile running sprint every 2 weeks.
- Maintain Main site.
- Develop UI components using HTML, CSS, Javascript, and JSP.
- Develop web services in form of REST APIs, firebase push notif, mail services, authentication for mobile apps using PHP, Java and MySQL.
- Versioning and deployment.

Serpong Tangerang, Indonesia

Nov 2016 - Dec 2017

Chevron Pacific Indonesia

INTERNSHIP

- Internship under UTC-POD Team in IT Departement.
- Create simple web app using C# ASP.Net to handle request for well surveys.

Duri Riau, Indonesia

2015

Skill

Main:

GOLANG, JS, SQL, REDIS, NSQ, API, REST, GRPC, GQL, UNIT TESTING

Others:

C#, Java, Python

Activity

Informatics Lab, Telkom University

[Bandung, Indonesia](#)

PRACTICUM ASSISTANT

2013 - 2015

- Held and support main practicum in college

Software Engineering Lab, Telkom University

[Bandung, Indonesia](#)

LAB ASSISTANT

2015 - 2016

- Study and research group. Held and support some lab activities including tutoring, mentoring, sharing knowledge, workshop, movies, game, game development community indie game developer enthusiast and other activities.

Hackathon MDK 2.0

[Bandung, Indonesia](#)

CONTESTANT

Oct 2015

- Participate in second Hackathon held by Telkom around Indonesia.
- Developed simple web services to be consumed by Android

Other

Blog: <https://mfathirirhas.github.io/blog>

More: <https://mfathirirhas.github.io/resume>

Portfolio: <https://mfathirirhas.github.io/portfolio>