

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

Tokopedia

SOFTWARE ENGINEER

Jakarta, Indonesia

Jul 2018 - Now

- Use Golang, Javascript, PostgreSQL, MySQL, Redis, NSQ, gRPC, and GQL.
- 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 GQL.
- 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.

Anabatic Technologies

TECHNICAL CONSULTANT

Serpong Tangerang, Indonesia

Jan 2018 - Jun 2018

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

Emporia Digital Raya, Anabatic Technologies

SOFTWARE ENGINEER(JUNIOR)

Serpong Tangerang, Indonesia

Nov 2016 - Dec 2017

- 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.

Chevron Pacific Indonesia

INTERNSHIP

Duri Riau, Indonesia

2015

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

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>