

MUHAMMAD FADLY

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SUMMARY

I am a highly skilled and detail-oriented Software Developer with strong expertise in designing, building, and maintaining scalable applications. My experience spans across multiple programming languages and frameworks, including PHP, Go, JavaScript/TypeScript, and Docker, with proven ability to integrate secure CI/CD pipelines using Jenkins, Bitbucket, and SonarQube.

WORK EXPERIENCE

Backend Developer - PT Bank Rakyat Indonesia, Tbk

Sep 2021 - Present

- Designed and developed backend APIs using Golang, MySQL, Elasticsearch, Redis, and RabbitMQ.
- Implemented CI/CD pipelines with Jenkins and SonarQube to ensure efficient and secure deployments.
- Added unit tests to improve code coverage and maintain high-quality standards.
- Deployed applications to Kubernetes clusters on Google Cloud Platform (GCP) using Jenkins.
- Contributed to major projects including Info Lelang BRI, BRILink, Klasterku Hidupku and BestPortal, delivering scalable and reliable backend services.

Fullstack Developer - PT Bank Rakyat Indonesia, Tbk

May 2020 - Dec 2022

- Designed and developed Web using Codeigniter and API using Golang, MySQL, Elasticsearch, Redis, and RabbitMQ.
- Implemented CI/CD pipelines with Jenkins and SonarQube to ensure efficient and secure deployments.
- Deployed applications to Kubernetes clusters on Google Cloud Platform (GCP) using Jenkins.
- Contributed to major projects including Stroberi, Pengelola Pasar.id, Klasterku Hidupku delivering scalable and reliable services.

Fullstack Developer - PT Bank Negara Indonesia, Tbk

Des 2018 - May 2020

- Handled the development and maintenance of several internal platforms, including BNI Smarter, BNI Ujian Online, BNI Learning Wallet, and BNI Repositories.
- Responsibilities included slicing designs provided by the UI/UX Designer Team into responsive and functional web pages, ensuring consistency with design specifications and optimizing user experience.
- Collaborated closely with cross-functional teams to deliver secure, scalable, and maintainable solutions that supported internal operations and digital transformation initiatives.

SKILLS

Technical Skills

1. Programming & Frameworks:

- Golang (Gin, Echo, Fiber, GORM, JWT, Swagger, APM Integration, Testify for Unit Test)
- Javascript/Typescript (React, Next, Nest, Express, Swagger, APM Integration)
- PHP (Laravel, Codeigniter, APM Integration)
- Python (Flask, SQLAlchemy, Sckit-Learn)
- SQL (MySQL, Postgree, Microsoft SQL Server)
- NoSQL (Redis, MongoDB, Elasticsearch)
- Message Broker (RabbitMQ)

2. Software Development

- Web Application Development (Frontend and Backend Services)
- Object Oriented programming (OOP)

3. Version Control and Collaboration

- Git (Bitbucket, Gitlab, Github) for Branch and Tag Version
- JIRA (Task / Issue Tracking)
- Confluence (Application or Service Documentation)
- SonarQube and SAST for Code Review

4. DevOps / CICD

- Jenkins Pipeline for Deployment Automation
- ELK for Logging and Monitoring
- Kubernetes
- Google Cloud Platform
- Amazon Web Services

5. Testing

- Unit Test
- Automation Test using Selenium

Soft Skills

- Problem solving and Critical thinking
- Proficient in Database Management
- Security Awareness
- Continuous Learning

EDUCATION

Bachelor of Computer Science

2013 - 2017

Faculty of Information Systems - Mathla'ul Anwar Banten University

CERTIFICATIONS

- **AWS Training & Certification** - AWS Cloud Quest: Cloud Practitioner
- **AWS Training & Certification** - AWS Cloud Quest: Generative AI Practitioner