

Fajar Kurniawan

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*I like to make something
that can make it easier..*

EDUCATION

- Univeritas Sebelas Maret Surakarta, Surakarta— *Technical Electronics* - Juli 2000

EXPERIENCES

PT. Skynosoft Portal Prima, Surakarta — *Devops Engineer*

March 2016 - January 2020

- Build Infrastructure Architecture: FrontEnd, Middle End, Backend Apps in Docker.
- Create Auto Deployments to AWS ECS, AWS EC2 Base on Git push using Jenkins Pipeline. Send report build to Slack
- Orchestration using Kubernetes, Rancher in Digital Ocean
- Migration from DigitalOcean to AWS
- Autoscaling AWS ECS, Fargate, Lambda
- Aws RDS Replications, Redis Elasticache
- Aws S3
- Aws Route 53
- Aws Load Balancer
- Build Monitoring using Grafana, Percona Monitoring, Send alert to Slack or Telegram
- Build alerting system Telegram Bot and Slack Notifications using
- Integrate Alerting System to Grafana and Jenkins deployments
- Troubleshoot and Maintenance.
- Optimizing Nginx as Web Server for high performance and standard security
- Pentesting (OWASP Standard Security)
- Server Load Testing using K6
- Deploy Backend NodeJs API to AWS Lambda
- AWS SES
- Breaking monolith to microservices

SKILLS :

Programming:

Flutter, NodeJS, MySQL,
Android Java, Linux Shell,
Bash

Tools:

Jenkins, Git, Docker,
Kubernetes, Rancher,
Percona, Grafana, Nginx,
Apache, Acunetic

Database:

Mysql, MongoDB, SQLite
(Flutter), SQLite (Android),
Postgres

Cloud Providers :

AWS, IBM, Digital Ocean,
GCP, Firebase, Alibaba Cloud

OS Server:

RHEL, LINUX AMI, Ubuntu

Graphic Design

Corel Draw, Photoshop, Ai,
Figma

PT. Global Infotech Solution, Jakarta - IOS Developer

Juli 2020 -- August 2021 (Freelancer)

- Develop IOS apps KlikDNA using **Flutter**
- Connected Flutter IOS Apps to Backend API
- State Management using Flutter Provider
- QR Scanner
- Notification Feature
- Camera Functions
- Reusable Widget
- Flutter SQLite (Flutter Local Database)
- Integrated with Health App (IOS)

Diarium Indonesia - Worki (Amoeba) Part of Telkom Indonesia

Juli 2020 - PRESENT

- Create and develop DevOps infrastructure from topology design until implementation.
- Build AWS infrastructure using Docker for containerization.
- Create automation CI/CD process using Jenkins and Gitlab.
- Implementing auto scaling on AWS ECS
- Set up monitoring tools using Grafana.
- Build database environment for PostgreSQL and MongoDB.
- Conduct code review and integration code analysis using Sonarqube.
- Scanning web application vulnerability
- Improve security base on OWASP (finding of security vulnerability scanning)
- Responsible for deploying various automated tools in the improvement of DevOps systems.
- Load testing
- Performance application monitoring using Grafana
- Responsible for improving/maintaining continuous integration and continuous delivery development session.
- Work individually and teams, Collaboration in teams operation and developer teams
- Migration to Kubernetes Environment

In Learning:

Machine Learning, Python, ElasticSearch

Languages:

English : Good in Reading and Writing , (Need to get used to often speaking in English)

Bahasa Indonesia

Bahasa Jawa

- Create auto deployment to Kubernetes environment
- Manage kubernetes using Rancher
- Kubernetes Autoscaling
- Logging and monitoring Kubernetes using Grafana
- Collaboration using Scrum methodology.
- Support mobile teams for refactoring mobile apps using Flutter

PROJECTS

Android & IOS

- Create Android Apps Pendaftaran Rawat Jalan Rumah Sakit Islam Klaten with automation doctor schedule, daily changes, using Camera, Firebase Notification. [Pendaftaran Online RS Islam Klaten - Apps on Google Play](#)
- Develop BSN Santri Android Apps Base on Java Language [BSN Bank Santri Nur El Falah - Apps on Google Play](#)
- Developing Android and IOS Apps FastFood Delivery Malaysia using Flutter with Feature Nearby Location, Location Tracking, Notification, etc.
- Mentor and contribution in PMI Surakarta for developing Flutter Apps Sahabat PMI (Tahun Sept 2019 - Jan 2020).
https://play.google.com/store/apps/details?id=solo.pmi.id.pmi_solo
<https://apps.apple.com/id/app/ayodonor/id1525859612?l=id>
- Develop KlikDNA IOS using Flutter - Global Infotech Solution <https://apps.apple.com/id/app/klikdna/id1580894911?l=id>

Web App And API

- PHP Rest Api for Android Apps Pendaftaran Rumah Sakit Islam Klaten (Okt 2018 - March 2020)
- Rest API using PHP, Mysql For FastFood Delivery Application Malaysia (August 2018 - Jan 2020)
- Rest API NodeJS, Socket for Realtime Chat in Flutter (Mei 2019)