
Maulana Oktofitriadi

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PERSONAL INFORMATION

Born October 30th, 1989 in Jakarta (Indonesia)

Citizenship: Indonesia
Marital status: married

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WORK HISTORY

PROGRAM KARTU PRAKERJA

04. 2020 - Present

Head Of Engineer

- Design Architecture Topology according bussiness of require-ment development.
- Working close with product team for validate metrics and priori-tazitation of project depend on valuable projects
- Provide continuous engineering, implementation / deployment
- Working with Operational team for distburstment process, reconcile and day to day support operation
- Working with all Manajemen Pelaksana team for collaboration projects
- Review, improve network, performance and security in all prakerja system
- Cost Optimization Infrastructure

Management

- Brings new products, proposed product requirements and prod-uct development programs
- Involved in hiring process and iteration
- Set roadmap and goals for each quarter
- Research using scientific methods to explore potential solutions
- Help Director to implementation gov regulation
- Lead of all Tech Department (QA, Frontend, Backend, Devops)

Projects

- Dashboard Users <https://dashboard.prakerja.go.id>
- Landing Page <https://prakerja.go.id/>
- Siva <https://siva.prakerja.go.id/>
- Prakerja as Payment Gateway (Tokopedia, Bukalapak, Karirmu, Pintar, Pijar, SiapKerja)
- Prakerja Mitra Dashboard <https://mitra.prakerja.go.id/>
- Prakerja Platform (Code Generator, Tracking, Data Mesh, Stepper, Fraud Analytics, Jmet Deployment)
- Prakerja AI (Course recommendation, Job Recommendation, Fraud Detector, Zoom Bot Transcript and auto face matching)
- Financial Platform G2P (Government To Person). Integrate to BCA, BNI, GOPAY, OVO, Linkaja, Dana to disburse money
- Survey Platform
- CMS (Content Management System)

Infrastructure Projects

- Setup all environment and services in Alibaba Cloud & AWS (VPC, Kubernetes, Docker Swarm, Databases, Big Data, Data Warehouse, Data transform service, ELK, Grafana & Prometheus, etc)
- ISO 27001

Skills & Platform

- Database: MYSQL, Postgre, MongoDB, Elasticsearch, Cassandra, Redis, ChromaDB (vector database), PolarDB, Analytics DB.
- Distributed messaging platform: Kafka, NSQ.
- Cluster Platform: Kubernetes (API Services), Docker Swarm (Worker Only)
- API Management: Kong (create custom plugin using lua language), Istio
- Language: Golan(API Service), Python (Data), Ruby On Rails (CMS), React JS, Typescript, Robot Framework, Next JS.
- AI: OpenAI, LLAMA.
- Log & Monitoring: ELK, Prometheus & Grafana, Pagerduty
- Data: Airflow, Metabase, Presto
- Distributed Platform Data Change: Debezium

RUANG RAYA, PT (RUANGGURU)

01. 2019 - 2020

Software Engineering Manager (Tech, Product, People)

Tech Lead & Architect

- Design Architecture Topology according bussiness of require-ment development.
- Projects: Installment, Down payment, Marketing campaign, Homepage feature, Payment services (Mobile Apps, Web) , inte-gration 3rd party payment gateway (indonesia, vietnam), Sub-scription services, Brain Academy for Scheduling, POS, Diag-nostic Test, Teacher App, FEC Apps, Sessional Ruangguru On-line Shop, Voting, CRM, HRAPPS, Payroll, Ticketing System and Supporting tools.
- Personal Projects: Generator micro services (CRUD, API Con-tract, UI) from GRPC proto, some library of abstraction in golang, Setup kubernetes in Google Cloud Platform, deployment cli for enterprise team, etc

Management

- Mentoring and coaching all member
- Product team of projects: HR, GA, Finance & Marketing team
- Manage priority, metrics & scope of projects
- Brings new products, proposed product requirements and prod-uct development programs depend on problems in each division (HR, GA, Finance & Marketing)
- Involved in hiring process and iteration
- Set roadmap and goals for each quarter

KARSA LINTAS BUANA, PT

06. 2018 - 2019

Tech Lead (QA & Engineering) & Architect

Application Development

- Working close with product team for validate metrics and priori-tazitation of project depend on valuable projects
- Provide application productivity guidance and education
- Personal projects:
 - Build End to end test using robot framework
 - Build Api test using golang
 - Build Contract test using golang
 - Build CD/CI using jenkins X for running automation test, code quality check and also deploying to kubernetes,
 - Build architecture of frontend using react JS, typescript, etc

Management

- Managing all projects each team
- Mentoring and coaching all membe

SLEEKR (PT MID SOLUSI INDONESIA)

03. 2017 - 2018

Tech Lead & Architect

- Development planning for Agile Center of Excellence
- Provide agile practice leadership, coaching and education to all team member
- Project lead: Revamp frontend, Dynamic Profit/Loss report, Billing system, Integration 3rd party services, subscription and campaign services, etc.
- Working close with CTO to provide the best solution of software architecture
- R&D technologies to provide high scalable, realibility and main-tanable product

PT. Mitracomm Ekasarana Bussiness Process Solution (MBPS)

02. 2014 - 2017

SOFTWARE ENGINEERING MANAGER

Application Development

- Provide continuous engineering, implementation / deployment and production support for internal and external project.
- Design Architecture Topology according bussiness of require-ment development.
- Provide application productivity guidance and education.
- Conduct and participate in required software reviews to assure the completeness, accuracy, and integrity of deliverables.
- Complete design, development, and unit test of software

Management

- Facilate Technical / Bussiness Requirements.
- Manage and provide direction to application development and implementation teams.
- Develop requirements and documentation and gain agreement on prioritization.
- Lead alignment of business needs/requirements to technical re-quirements.
- Lead and contribute on application projects using appropriate SDLC methodologies.
- Facilitates collaboration among groups, teams, and business unit

2. 2011 – 01. 2014

APPLICATION DEVELOPMENT SUPERVISOR

Application Development

- Instalation and Configuration Server and Database According to Functional Spesification of Document.
- Optimizing the Software before deployed on production.
- Provide and organize training on the user.
- Conduct and participate in required software reviews to assure the completeness, accuracy, and integrity of deliverables.
- Maintenance the project as well.

Management

- Compose Function Model (Bussiness Process Model / Functio-nal Design, User Interface Mock Up / Protocol, Functional Spesi-fication Document).
- Compose Test-Scenario (Users Accept Test & System Integra-tion Test), and Document Versioning.
- Lead alignment of business needs/requirements to technical re-quirements.
- Control over the distribution of job duties
- Managing The Change Of Plans.
- Managing The Change Of Request.

E D U C A T I O N

2007 – 2011

UNIVERSITY OF GUNADARMA

Diploma of Management Inormation

2012 – 2014

UNIVERSITY OF GUNADARMA

Bachelor of System Information