

Zulfikar Annur Ahmad

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location Tangerang Selatan, Indonesia

FULL STACK ENGINEER

Experienced as software engineer and **engineering manager for 7 year** in delivering product directly to user, managing engineering team process, shaping roadmap with stakeholder, and handling technical debt. Familiar with banking and payment integration in Indonesia, and the finance operation system as **Engineering Manager at Xendit**. Eager to contribute from technical, business, and leadership aspect as Engineering Manager and Individual Contributor

PROFESSIONAL EXPERIENCE

Littlelives

Aug 2024 - June 2025

Engineering Manager

Remote

Managing the team to handle and upscale the legacy system which serve pre-school and nursery administration. Expand the existing functionality with new feature and hotfix for several module

Accomplishments:

- Unblock the integration between Malaysia's tax system and company invoice feature
- Deliver the new data pipeline for premium customer in 1 week
- Consistently fix in average 2 minor and medium defect per week
- Improve the performance of database from 10 second latency to 1 second
- Help to cut the cost of infrastructure up to ~500 USD per month
- Push the implementation for ISO 27001 by implement the fix for found vulnerability
- Hired full time engineer for the company

Stacks:

- Frontend: React, Vue.js Static HTML
- Backend: CakePHP, Node, NestJS, Typescript, Java, Elixir MySQL, Postgresql, Redis, NSQ
- Infra & Monitoring: AWS, Aliyun, NewRelic, ArgoCD, Sentry, Kubernetes
- Mobile: React Native, CocoaPod, Kotlin, Swift

Xendit

May 2022 - Feb 2024

Engineering Manager

Remote

Lead multiple domain under Business Operation group, to improve efficiency and comply with the legal and business requirement

Accomplishments:

- Implemented the data pipeline for transaction monitoring system to comply with AML requirement
- Architected the risk assesment methodology for onboarded merchant
- Design the early settlement mechanism for handle business cashflow for merchant, the feature charge the transaction fee up to 0.2%
- Researched new gateway implementation for digital banking use case
- Improve the speed for handling chargeback from partner by cutting the time by 25%
- Implement foreign exchange platform to cut the cost and time for handling reserve by 50% of previous time needed to do operation
- Plan and monitor the implementation for merchant operation platform, by aggregate multiple partner into one platform, cut the time needed to build initial agreement and fee alignment from days to hours
- Oversee the integration of internal data for company performance with Salesforce.

Stacks

- Backend: GO, Node, Typescript, Python
- Infra & Monitoring: AWS, Apache Kafka, Splunk, Sentry, Terraform, Buddy CI, Sonarqube,
- Datadog, Pagerduty, Kubernetes, Atlasian Statuspage.
- Data: Airflow, Databricks, Apache Parquet, pandas
- Process: Stakeholder management, Data analysis, Team building, Issue handling,
- Roadmap planning, Feature design.

Xendit

June 2021 - May 2022

Tech Lead

Managing financial operation domain to ensure backoffice administration of payment gateway system, such as balance management, asset reporting, and settlement processing is reliable

Accomplishment:

- Streamlined bank operation by designing a self-service portal with automated process which reduced manual tasks by 60%
- Initiate building of an internal platform for handling financial platform to monitor and log the financial operation
- Built emergency application to ensure the financial operation is still reliable in case of partner disruption, adding redundancy to the existing integration

Stacks:

- Frontend: React with Typescript
- Backend: Typescript, PostgreSQL, Python, GO, MongoDB
- Infra & Monitoring: Jenkins, Buddy CI, Splunk, Sentry, Pagerduty
- Process: Lead ceremony, implement development cycle, Monitor feature and hotfix release

Xendit

Sept 2017 - Aug 2021

Software Engineer

Delivered the task assigned and help design the implementation as an Individual Contributor

Accomplishment

- Initiated multiple integration with partner such as Alfamart, Indomaret, Mandiri, Permata which contributed at least 1 billion rupiah of transaction volume to the company
- Introduced new architecture to ensure redundancy in business flow for handle payout to end user
- Awarded as "The Steve Job" at 2020 for completing the project with multiple partner

Stacks:

- Frontend: React, MaterialUI
- Backend: NodeJS, Python
- Infra & Monitoring: Jenkins, LogDNA, Kubernetes, Helm

EDUCATION

Universitas Terbuka

Economic Development studies

Jun 2022 - Ongoing

Hacktiv8

Fullstack Javascript Bootcamp

Feb 2017 - Aug 2017

Sekolah Tinggi Ilmu Dakwah Al-Hadid Surabaya

GPA: 3.03 for Bachelor degree of Islamic Social Science

Jun 2012 - Feb 2017

SMA Negeri 1 Malang

Natural Science cohort

Jun 2009 - Jun 2012

CERTIFICATION

Geoaccess Indonesia Bootcamp Google Earth Engine: Basic Remote Sensing (RS) - Link	Jul 2024
Google Google Cloud Cybersecurity - Link	Jul 2024
Python for Everybody Completion py4e - Link	Feb 2024
Qualified Professional in General Affair IEEEEL Institute - Link	Jul 2024
Remote Ready Certification Oyster - Link	Jul 2024
Menulis Opini: Menembus Meja Redaksi Tempo Institute - Link	Aug 2024

VOLUNTEERING

Yayasan Pemimpin Anak Bangsa Tangerang Selatan Teacher	Jun 2024 - Ongoing
As Informatics and Literature teacher for tuition-free school	
Yayasan Al-Kahfi Cabang Malang Community Member	Jun 2009 - Feb 2017
As teacher for informal school for underprivileged child and fundraiser staff	