

Rehan Choirul

Software Engineer

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SUMMARY

Software engineer with 7+ years spanning mobile, platform, and full-stack development. Currently own the mobile CI/CD platform for a 20-engineer organization — migrated 19 apps to in-house infrastructure with zero downtime and raised build success from 70% to 85%. Increasingly ship internal tools by pairing with AI while owning the architecture and review.

SKILLS

Languages: Swift, Go, TypeScript, JavaScript, Objective-C, Python

Frameworks & Web: React, React Native, Node.js, Vapor

CI/CD & Infrastructure: Jenkins, Fastlane, Bitrise, Mac mini fleet, HashiCorp Vault, SonarQube, Grafana

Cloud & Data: Supabase, Firebase, PostgreSQL

Practices: CI/CD, build & release automation, developer tooling, AI-assisted development, testing

EXPERIENCE

Mekari — Software Engineer, Mobile Platform

Jakarta, Indonesia · Mar 2022 – Present

- Migrated **19 mobile apps** from a paid CI vendor to in-house Jenkins on a two-node Mac mini (M4) fleet with **zero downtime** at cutover, reducing recurring CI vendor costs and giving the team full control of its pipelines.
- Raised build success rate from **70% to 85%** (reclaiming hundreds of developer-hours lost to failed builds) by re-architecting CI runners to a VM-per-machine model — doubling capacity from 2 to 4 runners and cutting queue time from hours to minutes.
- Built an internal CI/CD dashboard (**Next.js, Supabase**) with build metrics, stability scoring, and AI-assisted failure triage, adopted daily by all **20 mobile engineers** as the team's source of truth.
- Designed a **Go** CLI that unifies build, test, scan, and deploy across iOS, Android, and Flutter behind one config file, replacing a fragmented multi-tool pipeline and a legacy Swift CLI.
- Shipped a self-service notification bot for filtered CI/CD alerts across 19+ pipelines, and partnered with DevOps and Security on Jenkins upgrades and credential compliance.
- Built internal tooling roughly **3x faster** by pairing with coding agents, while owning the architecture, review, and quality decisions.

Mekari — iOS Developer

Jakarta, Indonesia · Jun 2021 – Mar 2022

- Built and maintained features in production iOS apps (HRIS and chat), raised unit-test coverage, and applied MVP and coordinator architecture patterns.

Fore Coffee — iOS Developer

Jakarta, Indonesia · Jan 2020 – Jun 2021

- Rebuilt the Fore Coffee app as native iOS (**Swift, VIPER**) from scratch to production release in 6 months; improved app performance ~50% during a prior React Native optimization.

Triplogic — Software Engineer

Jakarta, Indonesia · Oct 2018 – Jan 2020

- Delivered full-stack features: a **React** dashboard, new REST API endpoints, and **React Native** apps for drivers and admins.

Telecreative — Software Engineer

Jakarta, Indonesia · 2018

- Shipped React Native e-commerce apps to the App Store and Play Store, plus React JS client websites.

EDUCATION

Bina Nusantara University (BINUS) — B.Sc., Computer Science

2018 – 2022