Zikri Akmal Santoso
Software Engineer

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SUMMARY

A passionate, dedicated, and innovative software engineer with 5 years of experience in developing and designing high quality software applications and digital applications. Eager to acquire new experiences and continously learn in the field of programming.

EXPERIENCE

Alliance Bank Malaysia Berhad (Under AppFuxion) – Kuala Lumpur, Malaysia
Software Engineer (January 2024 – Present) - Remote

- Work with Group Digital Transformation at Embedded Banking Department.
- Maintain and develop brand new features for Virtual Credit Card SDK Product for main alliance mobile app (Alliance Online Mobile) and partner's app based on user stories by using Angular (Cordova), ReactJs and Vert.x Java.
- Migrate and refactor react legacy code to increase development experience and performance by refactor class base component to functional component, refactor lifecycle state, and state management.
- Help to enhance development workflow in frontend by initiating git flow strategy.
- Analyze and develop new flutter and react native bridge to access vcc sdk and develop interfaces for several services by using flutter, react native, swift and kotlin.
- Migrate and develop new technology stack for existing sdk product by using React Native.
- Created technical documentation for reporting, reference and reduce onboarding time for new comers by created flowchart, integration documentation for partner's, build documentation, branching strategy documentation and others technical documentation.
- Colaborate with project manager, product owner, business analyst, and devops team.

PT Adira Dinamika Multifinance Tbk (Adira Finance) – South Jakarta, Indonesia
Digital Engineering Specialist (September 2022 - December 2023) - Hybrid

- Work with Digital Center of Excellence at Adiraku Squad.
- Maintain and develop brand new features in adiraku digital mobile app based on user stories by using reactjs, react native, and node js.
- Maintain and develop features for adiraku admin panel by using angular.
- Revamp and develop all new UI design and increase 30% app performance and development experience in modular and maintanable code by refactor code structure and migrate class component to functional component, refactor lifecycle state, state management, split logics using custom hooks and apply consistent design patterns.
- Upgrade main version react native app to solve code smells, bugs, and security hotspots and achieve A score in sonarcube and snyk by refactoring main code and perform sonarcube and snyk suggestion.
- Analyze and maintain solution for react native app distribution on ios build and increase 30% faster distribution by implement patch in some dependencies and configure pod file.
- Improve app performance to reduce 40% application size by decrease asset size and using AAB build.
- Improve code coverage from 0 to 30% by Implement unit tests for react native app.
- Collaborate with scrum master, product owner, UI/UX team, QA and Devops team.

PT Global Investa Cakrawala – South Jakarta, Indonesia
Fullstack Developer (March 2021 - September 2022) - Hybrid

- Rebuild fullstack GIC trading and wallet management portal web application, including dashboard, loyalty service, auth service, wallet management service, withdrawal service, payment integration with third parties like BCA and payment gateway duitku by using php laravel with monolith service repository pattern and best practices.
- Maintain existing primadax crypto trading exchange app by using angular and java play framework and implementing best practices.
- Increase 30% development experience by Implement CI/CD pipeline using bitbucket pipeline and integrate with jira automation increase.
- Develop microservice with GIC Blockchain Tim to develop NFT market place service using Go with Gin framework.
- Migrate several services from Laravel monolith into Go Microservices.
- Collaborate with project manager, UI/UX team, QA.

PT Lunata Teknokindo Group – Medan, Indonesia
Junior Software Developer (August 2019 - March 2021) - Onsite

- Maintain and develop employee management system labuhan batu utara.
- Develop fullstack PLN inventory and asset management system from scratch with api, android app and web dashboard management by using php, java.
- Develop fullstack PLN logsheet system for tools and assets from scratch including api, android app and web dashboard by using php, kotlin.

EDUCATION

UNIVERSITAS SUMATERA UTARA (2020 - 2024)
Master of Informatics Engineering - GPA 3.74

UNIVERSITAS SUMATERA UTARA (2015 - 2019)
Bachelor of Computer Science - GPA 3.55 (Cumlaude)

SKILLS

Languages:

- English
- Indonesia (Native)

Techical Skills:

- Programming Language:
    - Javascript, Typescript, PHP, Go, Java, Kotlin.

- Framework and Technologies:
    - Frontend and Mobile Development: ReactJs, React Native, Angular, NextJs, Native Android.
    - Backend: Gin, Laravel, Vert.x, PlayFramework, NodeJs.

- Familiar Tools:
    - Server: Docker, Kubernetes, Ubuntu, Centos, Vim, Shell Script, Nginx.
    - Logging and Observability: Kibana, Sonarcube, Snyk.
    - Version Control System and repositories: git, github, gitlab, bitbucket, gerrit.
    - Task Management: Trello, Jira.
    - Databases: Mysql, Postgresql, Mongodb.
    - Message Broker: Kafka.