Refsi Gregorius Sangkay

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Summary

Highly motivated Software Engineer with over five years of experience designing, developing, and deploying web and mobile applications. Proven expertise in the JavaScript ecosystem (React, Next.js, React Native) and backend development using NodeJS, Go, PHP and Python. Skilled in API development, database management, and implementing CI/CD pipelines. Seeking a challenging role where I can leverage my full-stack or back-end expertise to build innovative solutions and contribute effectively to a collaborative team environment.

Work Experience

PT Sinergi Rajawali Mataram (Platon)
Frontend Developer
Dec 2024 – Jun 2025
Placed at PT Multi Bit Group Asia
- Develop and maintain user interfaces using ReactJS and Next.js.
- Collaborate closely with back-end engineers to integrate front-end components with APIs for a Single Sign-On (SSO) system.
- Collaborated with the UI/UX team to develop new features in current production state application.

Full Stack Engineer (Freelance)
Sep 2024 – Dec 2024
- Provide hourly-based development services, addressing bug fixes and feature updates for client projects.
- Updated and deployed React Native applications to the Google Play Store via Expo.
- Initialized backend projects using Laravel (Lighthouse), establishing GraphQL APIs and foundational unit tests.
- Develop and maintain full-stack applications leveraging the Next.js framework.

Full Stack Engineer
Oct 2023 – Sept 2024
- Analyzed requirements, designed, built, and deployed full-stack web and mobile applications collaboratively with the team.
- Engaged directly with clients to gather project requirements and provide technical insights.
- Authored application architecture diagrams and comprehensive API documentation.
- Provided on-site client support during application launch phases, ensuring smooth transitions to production.
- Troubleshooted and resolved complex issues across web (Next.js) and mobile (React Native for iOS & Android) platforms.
- Led the development of a key API service project using Laravel.
- Successfully released enterprise-level applications utilizing Next.js and React Native.

Software Engineer (Freelance)
Feb 2023 – Oct 2023
- Translated Figma designs into functional front-end code for web applications.

- Collaborated effectively with other freelance developers on component-based feature delivery.

Nadi Healthtech
Full Stack Developer
Nov 2021 – Sept 2022

- Designed, developed, and implemented API services supporting both web and mobile health tech platforms.
- Integrated third-party services including Firebase (Firestore, FCM) for real-time data/notifications and Billplz for payment processing.
- Actively participated in Agile/Scrum ceremonies, team discussions, and application testing cycles.
- Contributed technical solutions and feature suggestions during product development meetings.
- Collaborated with the product team to refine feature details, requirements, and manage changes.
- Implemented front-end interfaces based on Figma designs.
- Mentored and onboarded new team members.
- Successfully guided the application through development and testing phases to a beta release.

Badan Kepegawaian Daerah (BKD) Provinsi Sulawesi Utara
Programmer (Part Time)
Jan 2022 – Dec 2024

- Released and maintained the ePegawai Mobile App on the Google Play Store, supporting over 5,000 active employees.
- Build PWA (Progressive Web App) version for support compatibility with iOS users.
- Write some services with Go to develop api for Employee Attendance App.

Programmer
Jul 2021 – Dec 2021

- Redesigned and redeveloped a core internal application for Employee Attendance Apps with new enhanced features and a modern UI
- Designed user interfaces for internal web and mobile applications.
- Developed a hybrid mobile application using the Ionic Framework.
- Integrated Face Recognition libraries, Firebase (Auth & Storage), and MinIO object storage.
- Developed some internal applications and tools with Python.
- Implemented Docker, Git, and GitHub Actions to establish a CI/CD pipeline, significantly improving the development workflow.

Superprof
Private Teacher
Jan 2021 – Present

- Mentor and teach elementary school students foundational backend development concepts and programming principles.
- Assist students in problem-solving and understanding coding challenges.

Self-Employee Programmer
2017 - 2021

- Designed, developed, and delivered small-to-medium scale applications tailored to client needs and budgets.
- Provided remote support for bug fixing, feature enhancements, and application maintenance.
- Utilized a diverse technology stack including PHP (CodeIgniter, Laravel), VB.NET, Java (Native Android), Python (Flask), Arduino, and WordPress.

- Managed Ubuntu-based Virtual Private Servers (VPS) and utilized Ubuntu Desktop for daily development tasks.

Education

Bachelor of Engineering (S.T.) in Informatics Engineering
2016 – 2020
Universitas Katolik De La Salle, Manado

Skills & Others

Languages: JavaScript/TypeScript, PHP, Python, Go, HTML, CSS, SQL, Bash/Shell, Java (Basic)

Frontend: React, Next.js, React Native, Ionic, Redux (if used), Tailwind CSS, Mantine UI, Bootstrap, Semantic UI, Sass

Backend: Node.js, Express, Go (GoFiber, Gin), PHP (Laravel, CodeIgniter), Python (Flask)

Databases & ORMs: MySQL, PostgreSQL, MongoDB, Prisma, Gorm, Firebase (Firestore, FCM, Storage)

APIs: RESTful APIs, GraphQL (Basic)

Tools & DevOps: Git (GitHub, GitLab, Bitbucket), Docker, RabbitMQ, CI/CD (GitHub Actions), Nginx, Apache, Postman, Swagger, Linux, Expo

Certificate: HTML, CSS, JavaScript Professional Academy - Digital Talent Scholarship (2021)