

Gunawan Prasetyo

Software Engineer

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Summary

Dynamic and highly skilled Full Stack Developer with 3+ years of experience in software development, specializing in both frontend and backend technologies. Adept at leveraging Golang, Node.js, React, and Python to build robust, scalable applications. Proven track record of successfully contributing to high-impact projects, delivering innovative solutions and driving system improvements. Fast learner with a strong passion for tackling complex challenges and a keen interest in emerging technologies, including Machine Learning, LLM, Game, SaaS and Augmented Reality. Seeking to bring expertise and enthusiasm to a dynamic software engineering role to further enhance organizational success.

Work Experience

PT Dans MultiPro — *Jakarta, Indonesia*

Mid Fullstack *Developer*

Nov 2024 – Present

- Developed and maintained multiple web applications of our client Telkomsel Indonesia which running in telecommunication sectors. Worked on both frontend and backend aspects of applications using JavaScript frameworks.
- Refactor old service from monolith Hapi.js to Microservices Nest.js, improve readability, maintenanceable, and performance.
- Maintenance existing feature and adding new feature.
- Implemented CI/CD pipeline for automated testing and deployment
- Fixing bugs across various projects, leading to smoother functionality.
- Build some Kong Plugin using Lua for optimization and security enhancement.

Alegrium — *Jakarta, Indonesia*

Fullstack *Developer (Part-time)*

Oct 2024 – Apr 2025

- Built API for our Mobile Game using Nestjs, Mongodb, BullMq, and Firebase.
- Built CMS for Game Config using Laravel.
- Participate in discussions to generate ideas for the game.

Equity Life Indonesia — *Jakarta, Indonesia*

Mid *Software Engineer*

Oct 2023 – Oct 2024

- Faced challenges with outdated technologies and system inefficiencies.
- Developed and maintained full-stack applications using Nextjs-React, NestJs, React-Query, Apache Kafka, etc. Leading to a 30% improvement in system efficiency and enhanced user experience.
- Refactor existing applications to meet modern standards, which improved performance by 40% and strengthened security, reducing vulnerabilities by 60%.
- R&D about automate testing for both web and mobile using Jmeter, katalon, Oxygen, and lambdaTest.
- Support for implementing CI/CD using jenkins.
- Leading flagship project and design system infrastructure to meet desired performance.
- Doing some research to implements some technnnologies that can be used to change the old systems and make it more efficient and reducing cost of maintenance, example: Apache Airflow to change old ETL systems and scheduler/cron job.

Phincon Indonesia — *Jakarta, Indonesia*

Fullstack Developer

May 2023 - Oct 2023

- Developed some project according to client needs. First as Frontend developer with client GoodDoctor, and second as Backend developer with client PT Telkomsel Indonesia
- At GoodDoctor: Developed responsive apps in project Medical Portal, Admin CMS, and GD Plugin, and Grab Health.
- At GoodDoctor: Implemented pixel-perfect designs from Figma mockups
- At GoodDoctor: Optimized website performance and loading times
- At Telkomsel: Developed and maintained microservices project named CRMBE using Golang and Java

PT Bank Raya Indonesia Tbk. — *Yogyakarta, Indonesia*

Backend Developer

Jul 2022 - Mei 2023

- Started career as a backend developer working on various project. Focused on refactor existing application HRIS, mailing service, and flagship project named "Andalan".
- Encountered challenges with legacy code and integration issues.
- Refactored internal services from .NET to Golang, increasing processing speed by 15%.
- Enhanced and refactored mailing services from PHP CI2 to Golang, which reduce cost of human resources for maintaining various programming language.
- Revamped the internal backend service structure, making it more modular and maintainable.
- Worked full-time on the "Andalan" project using TypeScript with NestJs, contributing to a scalable backend solution.
- Successfully integrated internal backend services, facilitating seamless data exchange.
- Assisted QA and IT strategy teams with thorough documentation, improving knowledge sharing and onboarding processes.
- Collaborated with the team to solve complex problems, enhancing overall project quality.

Freelance — *Indonesia*

Software Developer

Jan 2021 - Present

- Dealt with diverse client requirements and tight deadlines.
- Develop various websites, blogs, and company sites using React delivering high-quality products that increased client satisfaction.
- Develop game RPG using RPGXP.
- Create Android and iOS applications using Unity.
- Built AR applications with Unity, providing interactive and immersive user experiences that received positive feedback.
- Develop robust API services using Golang, JavaScript, C#, or Python, enhancing backend functionality and system reliability.
- Build Web Application using tech stack from client or on my own choice, typically using NestJs, Golang Fiber, or ReactJs.
- Build AI/LLM RAG Application using Python or JavaScript with langchain and vector database.

Education

University of AMIKOM Yogyakarta

Bachelor of Science in Computer Science

2018 - 2024

Skills

- **Languages:** TypeScript / JavaScript, Golang, Python, Java, C#
- **Frameworks/Libraries:** React, NextJs, NestJs, ExpressJs, NodeJs, Gin Gonic, Fiber, Springboot, .Net
- **Technologies:** Apache Kafka, Restful Api, Graphql, GRPc, Apache Airflow, RabbitMQ, CI/CD, AI, Augmented Reality, Langchain, Docker, Git, Microservices
- **Tools:** Git, Docker, Kubernetes, Google Cloud Platform (GCP), N8N
- **Database:** Postgresql, mysql, mongodb, sql server, firebase, chromadb, bigquery, supabase
- **Soft Skills:** Problem-solving, Team collaboration, Fast learner