

FADEL PAMUNGKAS

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EXPERIENCE

VerifyMagically – Backend Developer (Freelance via Fiverr platform). Sept 2023 – Present
VerifyMagically, an email validation platform that guarantees authentic communication through high-accuracy validation.

- Developed a comprehensive catch-all email verification backend, handling 90% of mail servers, which cut bounced emails and enhanced client communication.
- Enhanced verification process efficiency by 43% through the effective use of Golang's concurrency and thread-safety features, benchmarked over 9,000+ emails.
- Integrated OpenAI technology for advanced uncovering email catching, boosting the platform's verification accuracy for the remaining 10% of mail servers.
- Spearheaded application deployment to Linode servers, supporting a 50% increase in user traffic while maintaining 99.9% server uptime.

Exspanse – Backend Developer (Freelance via Fiverr platform). Feb 2023 – Jul 2023
Exspanse provides an AI development, offering tools for machine learning engineers and data scientists to innovate and deploy AI models seamlessly.

- Pioneered and executed a monetization strategy for user-generated AI models within the DeepSpace AI Marketplace, generating a 20% commission margin for Exspanse and diversifying the company's income sources.
- Orchestrated a Stripe-based payment processing system, ensuring secure and efficient payment processing for over 10,000 customers.
- Implemented Test Driven Development (TDD), Repository Pattern, and Clean Code, reducing bug rates by 35% and accelerating feature deployment by 20%.
- Partnered with globally distributed team across Indonesia, the United States, Vietnam, India, and China.

Quible – Backend Developer (Freelance via Fiverr platform). Jan 2023 – Mar 2023
Quible is mobile-first platform providing instantaneous NBA updates, scoring, betting, and in-app communication.

- Implemented a multilingual full-text search feature using Meilisearch database, optimizing search times by 35% and reducing server load, resulting in a seamless user experience across multiple languages.
- Leveraged Aply-go to construct a dynamic and scalable chat functionality, enabling seamless real-time discussions for 5,000+ users during high-demand NBA games.
- Optimized Fetcher service performance, resulting in a 30% reduction in response time; enabled the seamless operation of 25 high-demand applications, boosting capability by 15%.

EDUCATION

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka Feb 2021 – Jul 2021
Facilitated in Bangkit Academy's intensive Android development program, completed expert-level courses and soft skill courses for critical thinking and communication skill. Developed a project to pinpoint road damage hotspots using machine learning with a team of five students.

Universitas Islam Indonesia – B.Eng. in Informatics Sep 2018 – Mar 2023
Cumulative GPA 3.6/4.0
Relevant Coursework: Data Structures and Algorithms, Software Engineering, Web Development, Cybersecurity.

PROJECT

SnapWork – Full Stack Developer Mar 2022 – Dec 2022
SnapWork is a job portal platform that also include work-ready preparations services like psychological test, courses, and upcoming events. This project is for undergraduate-thesis, partnered with 3-people team.

- Engineered the platform using NextJs and Golang following Clean Architecture, leveraged NoSQL database like MongoDB for document storage and Redis for caching, slashed load time by 4x and boosted response time by 64%.
- Tested and benchmarked using JMeter to simulate 1000+ simultaneous users, resulting in 99.9% uptime.

SKILLS

- **Technical Skills:** Golang, Rust, Java, JavaScript, NodeJS, Postman, REST API, SQL, Git flow, Linux, Redis, Docker, OpenAPI, RDBMS, CI/CD, Structured logging, NoSQL.
- **Certifications:** Architecting on Amazon Web Services, Cloud Practitioner Essentials, DevOps Fundamental, Cybersecurity Essentials, Cisco Certified Network Associate Security (CCNA).