# Afdal Wahyu

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| **Profiles** | in afdal-wahyu-69a99051 |

## Summary

Hi, I'm Afdal Wahyu,

Software development enthusiast. Love learning new things from HackerNews & GitHub Trending.

Currently, I am working as a Senior Software Engineer at Amartha. My job is to develop features that align with the requirements from business owners.

I specialize in Golang and also have professional experience with Python, TypeScript, Kubernetes, and CI/CD.

## Experience

**Amartha**                                                     Apr 2023 - Present
Senior Software Engineer                                        Jakarta, Indonesia
https://amartha.com/

Developed financial services supporting multiple teams by designing REST APIs and implementing event-driven architectures with Kafka. Responsibilities included writing unit tests, conducting code reviews, creating technical documentation, and collaborating with peers.

Tech Stack: Golang, Kafka, Kubernetes, CI/CD

**Kompas Gramedia**                                            Jan 2019 - Apr 2023
Senior Software Engineer                                        Jakarta, Indonesia
https://www.kompasgramedia.com/

Began as a Software Engineer focused on developing and maintaining applications for loyalty and hotel systems. Over the last two years, advanced to Senior Software Engineer and Back End Lead, where I led the development and enhancement of the MyValue loyalty system and MySantika hotel system.

Tech Stack: Python, Node.js, Golang, PostgreSQL, Kubernetes, CI/CD

**Dattabot**                                                   Feb 2017 - Dec 2018
Back End Developer                                             Yogyakarta, Indonesia
https://dattabot.io/

I developed web applications, reverse-engineered solutions, and created analytical user interfaces based on product requirements. I gained expertise in big data calculations, complex querying, analytics, deployments, and Scrum project management.

Tech Stack: Node.JS, Python, PostgreSQL

**Kata.ai**                                                    Aug 2016 - Nov 2016
Back End Developer
https://kata.ai/

During my internship, I developed kata.ai webpage using Node.js and a microservices architecture.

Tech Stack: Node.js, Docker, Microservices

## Education

**Universitas Gadjah Mada (UGM)**                              Jul 2013 - Jul 2018
Computer Science                                               Bachelor's degree
https://ugm.ac.id/

## Personal Projects

**Diurnis**                                                    Dec 2023 - Present
AI Collaborative Translation
https://diurnis.com/

Developed an AI-powered tool that translates novel chapters into English using OpenAI's API. Implemented custom prompts to enhance grammar and ensure consistent terminology (ex: pronunciation, character name). Built with Supabase for the backend and Nuxt.js for the frontend.

Node.JS, Nuxt, Vue, OpenAI

**Gonnel**                                                     Feb 2018 - Mar 2018
Golang wrapper for ngrok
https://github.com/afdalwahyu/gonnel

Gonnel is a Go library that provides direct API tunneling, inspired by the Node.js ngrok wrapper using EventEmitter. The Client package manages all binary functions, including authentication tokens and tunnel creation.

Golang, Tunnel

**Image encryption**                                          Nov 2017 - Feb 2018
Encrypt image AES, RSA, Chaos System Algorithm
https://github.com/afdalwahyu/image-enc

Developed an image encryption application for my Bachelor's thesis using Go. Implemented AES and RSA cryptographic standards alongside Chaos System algorithms, including Logistic Map, Sine Map, and Chebyshev Map functions, to secure image data.

Golang, Cryptography

**News Reader**                                               Nov 2016 - May 2017
Article App using React Native and Wordpress as backend
https://github.com/afdalwahyu/wp-reactnative

Developed a mobile application that fetches and displays articles from the WordPress API using React Native's native components. Integrated key features such as AdMob for advertising, push notifications, deep linking, local storage, and error reporting.

React Native, API

**9gag Clone**                                                Oct 2016 - Nov 2016
9gag Clone using React Native
https://github.com/afdalwahyu/9gag-clone

Developed a mobile application inspired by 9GAG to enhance my programming skills. Built with React Native, the project includes state management and API integration.

React Native

## Skills

| Golang | Python | Node.JS | Kubernetes | CI/CD |
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## Languages

Indonesian

English