

Adiyansa Wicaksana

SOFTWARE ENGINEER

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Summary

I have always been passionate in the field of software engineering. As I choose my major for college, I know that this field has so much to offer. I tried and explore a lot of things. From low-level programming until the field of NLP and its Large Language Model. I also have tried in many level of environment, from doing things by myself, group project, internship, part-time, and currently full-time. Mostly focused on Backend Development as of now, but still exploring various technology. Loved every process of it and I will continue this journey.

Work Experience

Paper.Id

Indonesia

SOFTWARE ENGINEER

Jan. 2025 - Present

- Working in the Payment Gateway Business Unit within the Integration Team, focusing on building a new Payment Gateway, expanding and maintaining payment integrations.
- Integrated payment gateway systems with multiple bank partners, implementing account inquiry, fund transfers, transaction status inquiries, balance checks, and bank statement retrieval while ensuring compliance with SNAP Standards.
- Established and standardized the onboarding process for the Payment Gateway Business Unit, ensuring a smoother transition for new engineers by providing clear documentation, best practices, and integration guidelines.
- Tech Stack:** Golang, MySQL, RabbitMQ, GCP

Logisly

Indonesia

BACKEND ENGINEER

Jun. 2023 - Dec. 2023

- Developed Internal Application using AppSheet to streamline Transporter Relation, including Task Assignment, Task Tracker, and Task Management.
- Redesigned the Payment Request Invoice to accommodate additional information while maintaining a clean and organised appearance, improving the invoice's usability and effectiveness.
- Created an Open API to enable shippers to consume essential order and order details data securely. Implemented an authentication system with API keys/tokens to ensure data security and documented the API using Swagger.
- Tech Stack:** Yii, MySQL, MongoDB, Redis, React, AppSheet

Suitmedia

Indonesia

BACKEND ENGINEER INTERN

May 2023 - Sep. 2023

- Expanded and enhanced the existing system for a prominent client specialising in outdoor equipment, including Store, Warehouse Management System (WMS), and Order Management System (OMS).
- Implemented new features for pick-up, booking, and delivery processes, enhancing the overall functionality of the system.
- Tech Stack:** .NET (C#), Entity Framework, Hangfire, MySQL, RabbitMQ

Pintarnya

Indonesia

BACKEND ENGINEER INTERN

May 2022 - Aug. 2022

- Built features and optimised API endpoints for improved performance in Pintarnya Kerja and Pintarnya Operational Dashboard (POD).
- Integrated Pintarnya's job listings with various job portals, such as Google Jobs, Indeed, Jooble, and Trovit.
- Reduced GMaps API costs by approximately Rp 40 million per month by scraping Indonesian geospatial data.
- Tech Stack:** Golang, PostgreSQL, GCP

Project Experience

Booking Management Web Portal DITSP ITB

Indonesia

LEAD BACKEND ENGINEER

Jan. 2023 - May 2023

- Led a team of developers and implemented SCRUM methodologies within the team's workflow to revamp the booking process for facilities at ITB.
- Built the backend using ExpressJS, Sequelize, GCP, and PostgreSQL, while also streamlining the process through the utilisation of CI/CD Github Runner and Google Cloud Run.
- Designed the database for the system, carefully considering its requirements and ensuring an efficient and reliable structure.
- Tech Stack:** ReactJS, ExpressJS, PostgreSQL, Bootstrap, GCP, Docker, Google Cloud Run

Organization Experience

Learn with Us

Indonesia

CO-FOUNDER & MENTOR

Feb. 2021 - May 2021

- Tutored high school students in Physics and Mathematics to complement their preparation for the state-owned university entry test (UTBK).
- Succeeded in helping more than 50% of the students to be admitted to top state-owned universities (ITB, IPB, ITS) & fully-funded scholarship.
- Achieved the target of 250+ participants registration within 2 weeks after the open registration.

Education

Institut Teknologi Bandung

BACHELOR OF SCIENCE - BSc, COMPUTER SCIENCE

Bandung, Indonesia
Aug. 2020 - Aug. 2024

- **GPA:** 3.87/4.00
- **Thesis:** Incorporating Parameter-Efficient Fine-Tuning into IndoLEM Evaluation Task ([GitHub](#))
- **Relevant Coursework:** Algorithm & Data Structure, Software Engineering, Algorithm Strategies, Object-Oriented Programming, Operating System, Distributed & Parallel System, Web-Based and Platform-Based Development, Artificial Intelligence, Machine Learning, Natural Language Processing

Skills

Programming Languages

Python, C/C++, C#, Java, Haskell, Go, JS, TS, SQL, Kotlin, PHP

Tools & Stacks

Git, PostgreSQL, MySQL, MongoDB, Redis, RabbitMQ, Consul, Vault, Docker, GCP