

Atthoriq Adillah Wicaksana

Software Engineer | Full Stack Engineer
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SUMMARY

Highly driven software engineer with hands-on experience in full stack development through working from small start-up to medium scale-up company. Capable working independently and collaboratively, as well as having leadership skills in professional environment even in the early of my career

TECHNICAL SKILL

Go, Node.js, Typescript, React, React Native, Nest.js, Vue.js, Svelte, Laravel, Python, SQL, NoSQL, Google Cloud Provider (GCP), AWS, CI/CD

EXPERIENCES

Software Engineer, Remote — Proxycurl

December 2024 - Present • Full Time*

- Developed Sapiengraph's bulk job monitoring and email finder feature
- Developed **sandbox mode** for Proxycurl API endpoints
- Built **data pipeline for the sandbox mode** to seamless the integration with the live mode
- **Skills:** Python, Flask, CI/CD, Software Testing

Tech Lead + Software Engineer, Remote — UniLah

March 2024 - November 2024 • Full Time

- **Led a diverse** development team of **up to 5 engineers** across various backgrounds (Chinese, Malaysian, Indonesian, and Singaporean)
- **Owned the development** of UniLah Overseas Campus (UOC)
- Incrementally refactored all the projects to be more adaptable with SOLID principle. Resulting **increase in development speed up to 50%** and more opportunity to fail and continue with the next ideas faster, which is important in startup environment
- Created coding pattern for the team to seamless the development of the products
- **Researched and designed** a matchmaking system for the UniLah's social feature
- **Develop new admin dashboard** to manage UniLah platform for better productivity
- **Skills:** Typescript, Nest.js, Node.js, React, React Native, System Design, Leadership, Design Pattern, Google Cloud Provider (GCP), CI/CD

Backend Developer, Remote — Visuwisu

February 2024 - March 2024 • Part Time

- **Initiated and designed** the company backend boilerplate by utilizing SOLID principle and design pattern
- **Designed** Visuwisu's backend system for Creative as a Service (CaaS) platform
- **Optimized API performance** to seamless the experience for frontend applications and end-users.
- Collaborated closely with frontend developers to integrate APIs seamlessly, as well as coordinated with DevOps teams to deploy and monitor services
- **Skills:** Express.js, Design Patterns, TypeScript, AWS, CI/CD, AWS SQS, Systems Design

* Terminated early because the company was shutting down due to having legal issue with another company

Software Developer, Malang, Indonesia — PT. Wilwatikta Jaya Abadi (WJA)

February 2023 - February 2024 • Full Time

- **Built internal distributed monitoring system** using Dbus to workaround client's security constraints
- Full stack development of QR code generator platform
- **Designed and developed a high performance** QR code generator module using **Web Assembly**
- Contributed to the UI design to develop **design system** for the platform by utilizing **monorepo**
- **Skills:** Go, Typescript, Vue, Svelte, System Design, Design Pattern

Backend Developer, Remote — Nandev

August 2022 - November 2022 • Part Time

- **Developed and optimized** multiple API endpoints for Learning Management System (LMS)
- Collaborated closely with frontend developers to translate project requirements into scalable backend solutions
- Contributed valuable insights and feedback to improve the overall architecture and performance
- **Skills:** Express.js, Laravel, Livewire, Node.js

Backend Developer, Malang, Indonesia — CMLABS

September 2021 - December 2021 • Internship

- Developed multiple new CMLABS' SEO tools
- Maintained and refactored CMLABS' SEO Tools
- Worked closely with the product team, translating business requirements into scalable backend solutions
- **Skills:** Laravel, Express.js, Node.js

PROJECTS

Download Manager — *Personal*

Source code: <https://github.com/thorIQadillah/rapid>

- Developed a **robust and efficient** download manager from scratch
- This project teaches me how to build **concurrent application**, especially with Go
- This project also teaches me how to write better code by utilizing SOLID principle and design pattern, as well as teaches me how to design a system by modularizing the service within the download manager, which is the data layer, and the client to make the project more scalable and maintainable
- **Skills:** Go, Vue, Typescript, System Design, Design Pattern, Wails, GUI

Auto Grading Essay Question Moodle Plugin — *Thesis*

Source code: https://github.com/thorIQadillah/moodle-qtype_essaysimilarity

- A moodle plugin that helps teachers to auto grade essay questions by comparing the similarity between teacher's answer key and student's answer using **natural language processing (NLP)**
- The plugin can be used to **significantly reduce the manual grading workload for teachers**, enabling them to provide more prompt and constructive feedback to students, leading to improved learning outcomes.
- Actually used and contributed by local university professor
- **Skills:** NLP, Moodle, PHP