

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 - January 2025 • Full Time*

- Developed and maintained a **high-performance job change monitoring system**, processing **400+ millions** of professional and company records daily
- Developed **sync feature** to sync the data between Sapiengraph's spreadsheet integration and Sapiengraph's job change monitoring feature
- Developed email finder feature for Sapiengraph and its landing page leveraging responsive web design
- Developed **sandbox mode** for Proxycurl API endpoints for better user experience when testing the Proxycurl API
- Built **data pipeline for the sandbox mode** to seamless the integration with the live mode
- **Skills:** Python, Flask, CI/CD, Software Testing, Websocket

Tech Lead + Software Engineer, Remote — UniLah

March 2024 - November 2024 • Full Time

- **Led a diverse development team of up to 5 engineers with various backgrounds** (Chinese, Malaysian, Indonesian, and Singaporean)
- **Owned the development** of UniLah Overseas Campus (UOC), **successfully shipping** the product within 3 weeks
- **Increased the development speed up to 50%** by incrementally refactored all the projects to be more adaptable with SOLID principle. Resulting more opportunity to fail and continue with the next ideas faster, which is important in startup environment
- **Seamless the product development** by creating coding pattern for the team into the codebase
- **Researched and designed** a matchmaking system for the UniLah's social feature
- **Developed new admin dashboard** to manage UniLah platform with **15,000+ users** for better productivity
- Participated to the **maintenance of additional four frontend projects**, both native and web, ensuring seamless integration with backend services and consistent user experiences
- **Skills:** Typescript, Nest.js, Node.js, React, React Native, System Design, Leadership, Design Pattern, Google Cloud Provider (GCP), CI/CD

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

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, product, and DevOps teams
- **Skills:** Express.js, Design Patterns, TypeScript, AWS, CI/CD, AWS SQS, Systems Design

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 with Go and Vue
- **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
- 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, maintained, and refactored multiple new CMLABS' SEO tools to provide more tools to the users
- Worked closely with the product team, translating business requirements into scalable backend solutions
- Successfully identified and fixed long hidden bugs that lingered in the CMLABS' Tools
- **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 utilizing concurrent paradigm in 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

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