

# Atthoriq Adillah Wicaksana

Software Engineer | Full Stack Engineer  
Surakarta, Indonesia

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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\*

- Contributed and maintained a **high-performance job change monitoring system**, processing 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
- 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, Websocket

### 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
- Contributed 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
- **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 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/thoriquadillah/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/thoriquadillah/moodle-qtype\\_essaysimilarity](https://github.com/thoriquadillah/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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