

Atthoriq Adillah Wicaksana

Software Engineer | Full Stack Engineer
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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 **millions of professional and company records daily**, ensuring **industry-leading data accuracy**
- Built **scalable** API endpoints for processing professional and company data
- Develop API sandbox for the data enrichment pipeline for the API, reducing integration time for third-party developers by **50%**, fostering faster adoption, smoother onboarding and **reducing cost**
- **Skills:** Python, Flask, CI/CD, Software Testing, Trello

Tech Lead + Software Engineer, Remote — UniLah

March 2024 - November 2024 • Full Time

- **Led and mentored** a diverse development team of **up to 5 engineers** across various backgrounds (Chinese, Malaysian, and Indonesian), ranging from **interns to full-time professionals**, fostering a **collaborative and high-performance environment**.
- Incrementally refactored all the project to be more adaptable to features addition/removal and more secure overall. 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
- Contributed to the **maintenance of additional four frontend projects**, both native and web, ensuring seamless integration with backend services and consistent user experiences
- **Improved code quality and system scalability** by implementing **best practices in software architecture**, reducing technical debt, and increasing overall development efficiency.
- **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

- **Led the development** of backend services using Express.js and TypeScript, ensuring efficient and scalable architecture
- **Optimized API performance**, reducing response times and enhancing overall system reliability, ensuring a **seamless experience for frontend applications and end-users**.
- **Bridged the gap** between backend, frontend, and DevOps teams by facilitating **efficient collaboration**, streamlining API integration, and ensuring **smooth deployment and monitoring** of services.
- **Skills:** Express.js, Design Patterns, TypeScript, AWS, CI/CD, Message Queue · 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

- Actively contributed to both backend and frontend development using multiple frameworks from different programming languages, such as **Go, Vue.js, and Svelte**, implementing **robust design patterns and data structures** to enhance code **maintainability, readability, and scalability**
- Designed and developed a high performance QR code generator module using **Web Assembly** and integrated seamlessly into the system's architecture, improving **efficiency** and system-wide functionality.
- **Built internal productivity tools**, optimizing **workflows and automation**, resulting in a **significant reduction in manual tasks** and an increase in team efficiency.
- **Skills**: Go, Typescript, Vue, System Design, Design Pattern

Backend Developer, Remote — Nandev

August 2022 - November 2022 • Part Time

- **Developed and optimized** multiple API endpoints for the Learning Management System (LMS) using Laravel and Express.js, ensuring **seamless integration** of system components and **efficient data handling**.
- **Collaborated closely** with frontend developers to **translate project requirements into scalable backend solutions**, providing **technical guidance** and ensuring a **smooth data flow** between frontend and backend.
- **Enhanced system performance and architecture** by actively reviewing and refining backend logic, contributing **valuable insights** that improved overall efficiency and maintainability.
- **Skills**: Express js, Laravel, Node js

Backend Developer, Malang, Indonesia — CMLABS

September 2021 - December 2021 • Internship

- Took charge of refactoring and maintenance of CMLABS' SEO Tools, leveraging Laravel and Express js to enhance code structure and optimize performance.
- **Worked closely with the product team**, translating business requirements into **scalable backend solutions**, ensuring the **timely delivery of high-quality features**.
- **Skills**: Laravel, Express js

PROJECTS

Download Manager — *Personal*

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

- Developed a **robust and efficient** download manager from scratch, showcasing **strong project initiation** and execution skills using Go
- Implemented a comprehensive design system, ensuring consistency in user interface elements and enhancing the overall user experience.
- Adhered to coding **best practices, promoting clean code, modular design, and readability** throughout the project by addressing and resolving complex issues related to download management and system integration.

Auto Grading Essay Question Moodle Plugin — *Thesis*

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

- Utilized **machine learning** techniques to develop an intelligent algorithm capable of assessing the similarity between student answers and the teacher's answer key.
- 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.