Ainaa Sakinah Azman

Software Engineer

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</> Technical Experience

06/2023 — present   **DevOps Engineer** ⧉   Tokyo

- Design, implement and maintain automated CI/CD pipelines for internal and client projects using Github Action
- Reduce Docker image build time for faster CI/CD deployment by managing cache efficiently and using multi-stage build
- Reduce time to build infrastructure from hours to minutes by creating reusable modules using Terraform
- Maintained DevOps documentation accessed by team members for knowledge-sharing
- Implement client's multi-cluster multi-region Kubernetes infrastructure with Istio as service mesh along with every other resource required for the entire application e.g S3, SQS etc (Started at GCP, later moved to AWS)

05/2023   **Teaching Assistant,** *Le Wagon Tokyo*   Tokyo

- Debugging Rails applications, including front end and suggesting gems/libraries for easy implementation
- Guiding students with configuring Heroku

06/2022 — 08/2022   **Co-Creator, Software Engineer,** *Conifer* ⧉   Remote

- Architected and created Conifer, an open-source framework that simplifies parallelizing Cypress tests on AWS infrastructure for local development
- Utilized AWS CDK to allow users to easily deploy Conifer's AWS infrastructure (ECR, ECS, EC2, S3, DynamoDB) via Conifer's CLI
- Designed a test file splitting algorithm based on existing Cypress test timing data which reduced local Cypress test suite run time by up to 4x
- Created a dashboard to allow developers to easily see aggregated Cypress test results in real-time using Express, React and TailwindCSS
- Co-authored a comprehensive technical case study and presented a tech talk to knowledge share about Conifer's design decisions, architecture, and tradeoffs made during development

01/2021 — 06/2022   **Student,** *Launch School* ⧉   Remote

Multi-year, mastery-based software engineering curriculum focused on core fundamentals, learning software engineer problems from first principals with rigorous exams and live coding interviews to develop problem-solving and technical skills.

Selected Projects:

- Neko Bin - A RequestBin-like tool for inspecting webhooks (DO Droplet, Nginx, PostgreSQL, MongoDB, Express, Handlebars)
- Yello - A Trello-like, Kanban-style project management app (MERN stack)
- Shopping Cart - A database-backed e-commerce app (React, Redux, MongoDB, Node.js)
- Todo List - A simple Todo tracking SPA. (vanilla JS)

10/2019	**Teaching Assistant,** *Le Wagon Tokyo*	Tokyo

- Mentored students how to break down problems into smaller achievable pieces
- Facilitated use case discussions during the product design sprint

05/2017	**Teaching Assistant,** *Le Wagon Tokyo*

- Mentored students to learn reading error messages

04/2017	**Developer,** *Gibbit*	Tokyo

A service that helps overseas expats who don't speak the local language. (Rails, Heroku)
- Implemented Action Cable on Rails to enable live chat feature
- Implemented CRUD operations for the applications using the MVC (Model View Controller) architecture of Rails 5 framework.

</> Technical Skills

Languages
JavaScript, Ruby, Go, SQL, HTML, CSS, Python, Terraform,

Frameworks
React/Redux, Express, Sinatra, Ruby on Rails

Other Tools
Kubernetes, Docker, PostgreSQL, MongoDB, Github Action

Cloud
AWS (EKS, EC2, S3 etc), GCP (GKE, PubSub etc), DigitalOcean (Droplets)

🗄 More Work Experience

03/2019 – 12/2020	**Coding Curriculum Developer & Instructor,** *Saturday Kids Japan*	Tokyo, Japan

- Assisted a fledgling startup to hit the ground running and rapidly establish itself
- Developed innovative curriculums tailored for the Japanese market e.g introducing algorithm concepts through Scratch

06/2017 – 01/2020	**Project Manager,** *Tacchi Studios*	Tokyo, Japan

- Blended technical understanding and management experience to support developers in managing stakeholder's expectations and project timelines
- Collaborated intimately with developers on testing, streamlining bug resolution processes and documenting common on-call issues, ensuring the maintenance of high-quality standards across projects.

10/2015 — 02/2017	**Head Of Customer Service,** *MAHLE Trading Japan*	Tokyo, Japan
	• Managed a team that increased average monthly sales by 1.5x per month and reduced lead time from 6 months to 5 months	
11/2014 — 09/2015	**Sales Assistant,** *MAHLE Trading Japan*	Tokyo, Japan
	• Automated creation of sales reports and creation of export documentation using Excel which reduced creation time by half	

🎓 Education

01/2020 — 06/2022	*Launch School*	Remote
	• Delivered a tech talk comparing OOP concepts in Python and Ruby.	
	• Co-created an escape room coding quiz game on Gather	
	• Facilitated several online events for students to get together and network	
02/2017 — 04/2017	*Le Wagon Tokyo*	Tokyo
	Web development bootcamp in Tokyo focused on web development using Ruby on Rails.	
04/2010 — 03/2014	**B.A. in Psychology,** *Kanazawa University*	Kanazawa

🏠 Organizations

12/2018 — 12/2019	**Women Who Code Tokyo,** *Lead* ⧉	Tokyo, Japan
	• Co-hosted a WWC Tokyo x Progate study together event for beginners	
	• Increase outreach to companies by creating and distributing WWC brochures	
	• Delivered a talk about career switching into the tech industry	

🌐 Languages

Malay	●●●●●	**English**	●●●●●
Native		Full Working Proficiency, (2010) TOEIC - 975/990	
Japanese	●●●●●		
Full Working Proficiency, (2013) JLPT N1			