Ainaa Sakinah Azman
Software Engineer

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</> Technical Experience

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

- Installed and configured Kubernetes using best practices, leveraging managed services for simplified cluster management. (GKE, EKS)
- Design, implement and maintain automated CI/CD pipelines for internal and client projects using Github Action
- Reduce 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, leading to improved efficiency and knowledge sharing.
- Implement client's multi-cluster infrastructure and assist in maintenance (Istio, AWS, Prometheus, Grafana)

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

- Assist students during Project week - debugging Rails applications and frontend bugs with students
- Suggesting gems/libraries for easy implementation
- Guiding students with configuring Heroku SSL certs

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 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)

| 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.

| 10/2019 — 10/2019 | **Teaching Assistant,** *Le Wagon Tokyo* | Tokyo, Japan |

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

</> Technical Skills

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

Cloud
AWS (EKS etc), GCP (GKE etc), DigitalOcean (Droplets)

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

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

🗄 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 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
Native ● ● ● ● ●

English
Full Working Proficiency,
(2010) TOEIC - 975/990 ● ● ● ● ●

Japanese
Full Working Proficiency,
(2013) JLPT N1 ● ● ● ● ●