

Ainaa Sakinah Azman

Software Engineer

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📍 Tokyo & Nagano 🇲🇾 Malaysia



Profile

Hello, I'm Ainaa! I'm currently residing in Tokyo on a Japanese spouse visa. I'm a full-stack software engineer with experience in JavaScript/Node.js, Ruby/Rails, SQL, Go, AWS, and React.

I recently built Conifer, an open-source framework that simplifies parallelizing Cypress tests on AWS infrastructure for local development. In my free time, I find people to read technical books with and explore game development for fun.

Technical Experience

06.2022 – 08.2022

Remote

Co-Creator, Software Engineer, Conifer [🔗](#)

- Architected and created Conifer, an open-source framework that simplifies parallelizing Cypress tests on AWS infrastructure for local development
- Built a CLI to execute Conifer commands with Node.js, Commander.js, and Inquirer.js
- Utilized AWS CDK to allow users to dynamically deploy Conifer's AWS infrastructure (ECR, ECS, EC2, S3, DynamoDB)
- Utilized AWS SDK for JS within the user's containerized application to send test artifacts to S3 and metadata to DynamoDB
- Designed a test file splitting algorithm based on existing Cypress test timing data
- Reduced local Cypress test suite run time by up to 4x via parallelization & optimized test splitting
- Created a live dashboard for visualizing aggregated Cypress test results with Express, React and TailwindCSS which shows test execution results in real-time
- Incorporated an Agile approach in collaborating with a remote team of 4 engineers across 2 timezones which included daily standups, weekly sprints, and pair programming.
- Co-authored a comprehensive technical case study and presented a tech talk about Conifer's design decisions, architecture, and tradeoffs made while building Conifer

01.2021 – 08.2022

Remote

Student, Launch School [🔗](#)

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

Tokyo

Developer, Gibbit

A service that helps overseas expats who don't speak the local language. (Rails, Heroku)

- Implemented Action Cable on Rails to enable live chat, among other development tasks.

Technical Skills

Languages

JavaScript, Ruby, Go, SQL, HTML, CSS

Frameworks

React/Redux, Express, Sinatra, Rails, Handlebars

Cloud

AWS (DynamoDB, ECS, EC2, S3, Lambda, IAM),
DigitalOcean (Droplets)

Other Tools

Git/GitHub, Docker, PostgreSQL, MongoDB, RESTful
APIs, Webhooks, SSH

Professional Experience

02.2020 – 12.2020

Tokyo, Japan

Coding Curriculum Developer & Instructor, Saturday Kids Japan

- Created a brand-new curriculum introducing the concept of algorithms to kids using Scratch

06.2017 – 01.2020

Tokyo, Japan

Project Manager, Tacchi Studios

- Managed the studio's existing clients and collaborated extensively with clients to provide product-centric insights on the development and maintenance of their products.
- Collaborated with developers in performing UAT testing and reproducing bugs reliably which allowed for bugs to be fixed more easily and prevented several critical bugs from reaching production. (Rails and React, React Native stack)

10.2019

Tokyo, Japan

Teaching Assistant, Le Wagon Tokyo

- Assisted students in their coding challenges by reading error messages together and breaking down problems into smaller achievable pieces
- Facilitated use case discussions during the product design sprint

10.2015 – 02.2017

Tokyo, Japan

Head Of Customer Service, MAHLE Trading Japan

- Managed a team of 4 based in 2 locations (Tokyo and Shanghai) and collaborated with the Sales team and APAC logistics in improving the delivery of orders
- Together with the entire team, we increased average monthly sales by 1.5x per month and reduced lead time from 6 months to 5 months

11.2014 – 09.2015

Tokyo, Japan

Sales Assistant, MAHLE Trading Japan

- Used Excel formulas and functions to automate the creation of sales reports and automate repeatable sections of export documentation which allowed me to do the work that has historically taken 2 employees to do

Organizations

12.2018 – 12.2019

Tokyo, Japan

Women Who Code Tokyo, Lead [🔗](#)

- Co-hosted a WWC Tokyo x Progate study together event for beginners
- Delivered a talk about career switching into the tech industry

Education

04.2019 – 08.2022

Remote

Launch School

- Delivered a tech talk about classes in Python and compared it with Ruby.
- Co-created an escape room coding quiz game on Gather.

02.2017 – 04.2017

Tokyo

Le Wagon Tokyo

Web development bootcamp in Tokyo focused on web development using Rails.

04.2010 – 03.2014

Kanazawa

B.A. in Psychology, Kanazawa University

Languages

Malay

Native

English

- Full Working Proficiency
- (2010) TOEIC - 975/990

Japanese

- Full Working Proficiency
- (2013) JLPT N1