

# Ainaa Sakinah Azman *Software Engineer*

✉ [ainaasakinah@gmail.com](mailto:ainaasakinah@gmail.com)

📍 Nagano, Japan

in <https://www.linkedin.com/in/ainaasakinah/>

## Profile


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I'm a 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.


## Technical Project

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**Co-Creator, Software Engineer, Conifer** 2022 – present | Remote

- Co-created Conifer, an open-source framework that simplifies parallelizing Cypress tests on AWS infrastructure for local development
- Built a CLI 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 test results with React, Express, and TailwindCSS
- Collaborated remotely with a team of engineers with daily standups and pair programming
- Delivered a tech talk about Conifer
- Co-authored a comprehensive case study <https://conifer-test.github.io/> , including subject matter research, design decisions, and tradeoffs

**Launch School**  03.2022 – 08.2022 | Remote

A mastery-based school for software engineers: [launchschool.com/employers](https://launchschool.com/employers) 

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)

## Technical Skills

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### Languages

JavaScript, Ruby, Go, SQL, HTML, CSS

### Cloud

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

### Frameworks

React/Redux, Express, Sinatra, Rails, Handlebars

### Other Tools

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

## Professional Experience

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**Coding Curriculum Developer & Instructor, Saturday Kids Japan** 02.2020 – 12.2020 | Tokyo, Japan

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

**Project Manager, Tacchi Studios** 06.2017 – 01.2020 | Tokyo, Japan

- Managed two of the studio's existing clients and proactively negotiated project scope to stay within the client's budget.

**Teaching Assistant, Le Wagon Tokyo**

10.2019 | Tokyo, Japan

- 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

**Head Of Customer Service, MAHLE Trading Japan**

10.2015 – 02.2017 | Tokyo, 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

**Sales Assistant, MAHLE Trading Japan**

11.2014 – 09.2015 | Tokyo, 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

**Organisations**

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**Women Who Code Tokyo, Lead** [↗](#)

12.2018 – 12.2019 | Tokyo, Japan

- Co-hosted a WWC Tokyo x Progate study together event for beginners
- Co-created the first WWC Tokyo brochure and T-shirts
- Regularly helped with organizing WWC Tokyo events and recruiting new volunteers
- Delivered a talk about career switching into the tech industry

**Education**

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**Launch School**

04.2019 – 08.2022 | Remote

**Le Wagon Tokyo**

02.2017 – 04.2017 | Tokyo

**B.A. in Psychology, Kanazawa University**

04.2010 – 03.2014 | Kanazawa, Japan

**Languages**

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**English**

(2010) TOEIC - 975/990



**Japanese**

(2013) JLPT N1, (2009) JLPT Level 1, JLPT Level 2



**Malay**

Native

