

Ainaa Sakinah Azman *Software Engineer*

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Profile

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.

My personal development project involves experimenting with creating games on Scratch, Unity and Python. My most recent game project is creating a Space Invaders game in Python using Pygame and delivering a tech talk about it at a Python seminar at Launch School.

Technical Project

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 an easy-to-use CLI with Node.js, Commander.js, and Inquirer.js
- Used 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

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

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 Technologies

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

Professional Experience

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

- 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

- 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

<div>English</div> <div>(2010) TOEIC - 975/990</div>	<div>●●●●●</div>	<div>Japanese</div> <div>(2013) JLPT N1, (2009) JLPT Level 1, JLPT Level 2</div>	<div>●●●●●</div>
<div>Malay</div> <div>Native</div>	<div>●●●●●</div>		