

# Aya Tsubakino *Software Engineer*

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## 🧠 SKILLS

### Languages

JavaScript, TypeScript, Ruby, SQL

### Technologies

React, NextJs, Jest, Cypress, Vue.js, Web3, Ruby on Rails, Node.js, PostgreSQL, MySQL, Video Streaming, Git, CI/CD Pipeline

## 📁 PROFESSIONAL EXPERIENCE

### Software Engineer, Quantum Mob [🔗](#)

06/2021 – present | Toronto, Canada

- Implemented a data analytics custom library for one of the largest e-commerce websites in Canada collaborating with their team.
- Developed end-to-end testing for the analytics library.
- Troubleshoot and debugged issues for the online social event management platform.
- Had ownership of finishing a responsive reward platform from 30% completion in 3 months which made the client happy.

### Software Developer, Bellwood Studios Inc. [🔗](#)

03/2020 – 06/2021 | Toronto, Canada

- Created a single-page react website [🔗](#) to promote a video game from scratch.
- Added new features and fixed bugs on the internal employees' management system using Haxe for one of the biggest transportation companies.

### Front-end Developer, Cya Live [🔗](#)

03/2020 – 03/2021 | Toronto, Canada

- Added more than 45 new features in a year including some major redesigns to the video chat platform and its admin system as a single front-end developer in the team communicating with a designer, back-end developers, QA, and a team lead.

### Software Developer, LogicLogic Inc, (current PLAY Inc) [🔗](#)

06/2016 – 11/2019 | Tokyo, Japan

- Worked in a fast-paced environment. Released a new function for our Ruby on Rails CMS for the video on demand (VOD) platform almost every month.
- Function examples include a timeline function, integration with third-party CRMs, batch processing, a form plugin, a usage calculation, and a multi-tenant application.
- Established the entire architecture for the live streaming and VOD for the 2018 FIFA World Cup of NHK. Set up the infrastructure on AWS, developing the CMS, RESTful APIs, and website, where the maximum request to CDN was 191k/minute.
- First in my team to master using and integrating third-party platforms to our systems, such as DRMtoday (key management service provided CastLabs) and AWS Elemental (platform for encoding, decoding, and transcoding).

## 📁 PROJECTS

### OrgDesign, Gamify your organization(MVP) [🔗](#)

07/2022

- Developed a Dapp where users can create their own tokens, and send them as a reward, using Firebase, NextJs, Mui, Solidity
- Initiated ideation, design, architecture, development, and presentation.

### Jibse, real estate rental platform(MVP) [🔗](#)

11/2021

- Developed a Dapp that helps tenants and owners make a worry-free lease contract.
- Deployed 3 smart contracts and React/NextJs based front-end in a week.
- Received a Bitcoin Bay Prize in BlockHack Hackathon

### RooknRoll, real-time chess game platform [🔗](#)

11/2020 – 06/2021

- Designed the architecture and developed it all by myself.
- Implemented the client's idea that only pieces along with the rolled 3D dice can be moved, by customizing chess libraries.
- The client has done user tests with pro-chess players.