

Satomi Okada

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SKILLS

Technical: JavaScript, React, Redux, Ruby, Ruby on Rails, SQL, NoSQL, Angular, TypeScript, HTML, CSS, MongoDB, Express, Node.js, AWS,

Language: Native in Japanese

EDUCATION

App Academy, New York, NY

Jan 2020 - May 2020

Rigorous 1,500 hours full-stack web development course with less than 3% acceptance rate

Queens College, City University of New York, Queens, NY

Sept 2014 - Dec 2015

Bachelor of Arts, *cum laude* (GPA: 3.53), in Media Studies

EXPERIENCE

Troupe, New York, NY

Full Stack Software Engineer

Jan 2021 - present

- Pair program with other engineers to develop, test, and maintain both new and existing features
- Conduct code reviews to maintain a clean and readable codebase
- Review user interviews to incorporate user feedback into UI
- Participate in weekly agile sprints with engineers, designers, and project managers

PROJECTS

Catflix | Ruby on Rails, React, Redux, HTML, AWS, CSS

[live](#) | [github](#)

A full-stack, cat-themed Netflix clone made for viewers who love cat shows and movies

- Leveraged AWS S3 for video and image storage imposing a file size limit and file compression to reduce latency and storage cost
- Implemented a debounced search feature that lets users search videos in optimal time
- Engineered custom backend and frontend user authentication by utilizing Rails' active record query and Redux's frontend state to enable a personalized CRUD functionality, such as a watchlist for each user

Tipsy Painter | MongoDB, Express, React, Node.js, HTML, CSS

[live](#) | [github](#)

A live-camera, collaborative drawing application where users can sip wine and paint on the same canvas together

- Incorporated git workflow as a back and frontend flex developer in a team with three other developers
- Fetched data from MongoDB by utilizing axios library and express.js to enable features such as unique painting rooms for each user, and "create a new room" and "join room" functions
- Utilized socket.io to create an instant connection between backend and frontend to enable real-time canvas and video updates

DS&A Progress Tracker | MongoDB, Express, AngularJS, Node.js, HTML, CSS

[live](#) | [github](#)

A tracking application where users can log their progress on data structure and algorithm problems

- Developed a responsive application utilizing angular material for mobile phone and PC
- Optimized response time by implementing code-splitting and lazy-loading

Gourmet | Javascript, D3.js, HTML, CSS

[live](#) | [github](#)

An interactive website where users can learn how Michelin star restaurants are distributed across different U.S. regions

- Practiced D3.js's transitions to create animation on bar- and bubble-graphs with selectors
- Handled HTML DOM events with D3.js's selections to enable the bubble-graph to reveal cuisine types so users can have a more interactive experience