

# Sonja Ng

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## EXPERIENCE

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### Software Developer

Jun 2022 – May 2023

*Shopify*

*Remote*

- Delivered high-quality, robust production code with unit tests in Ruby on Rails, React, TypeScript, and Node.js, used by over 300K merchants in the unified Shopify Logistics app
- Designed and integrated frontend and backend APIs for new data pipeline using GraphQL
- Collaborated with UX designers, product managers, and other engineers to build full-stack technical solutions for fulfilling international orders, increasing orders by 10%
- Contributed to 98.99% on-time delivery by debugging production issues as part of a regular on-call rotation
- Worked in agile development processes and participated in prototype design and code reviews
- Technologies: Ruby on Rails, TypeScript, React, Node.js, GraphQL, REST API, AWS CW/SNS/Lambda/SQS, Sidekiq, Jest, RSpec, MySQL, Postman, Buildkite, Redis

### Curatorial Manager

Jul 2019 – Aug 2021

*Purchase College, State University of New York*

*Purchase, NY*

- Expanded exhibition opportunities for students by more than 50% within four months through initiating partnerships with other academic chairs
- Nominated as the Chair for the Windgate Artist Residency Committee and as the Chair of the President's Public Art Award Committee within a year. Increased applications for the Windgate Residency Open Call by 200% by implementing a strategic online promotion campaign and active outreach.
- Led a team of four assistants to successfully transition a 100-student in-person exhibition to take place online during Covid lockdown in April 2020

## PROJECTS

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### OpenSpot | *Ruby on Rails, JavaScript, React, Redux, PostgreSQL, AWS S3*

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

- Developed a full-stack OpenTable clone using Ruby on Rails to serve a REST API with React as the frontend
- Leveraged Redux's state management to simplify React components and directly manage data for form inputs and submissions

### FoodieGram | *MongoDB, Express, React, Node.js, Webpack, AWS S3*

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

- A MERN stack social media app for foodies to create profiles, upload and like posts, and follow other users
- Designed and built frontend React routes for post CRUD actions and integrated AWS S3 to backend for secure image hosting

### ArtWrap | *JavaScript, HTML, CSS*

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

- A fun matching game to match artwork with the correct wrappers before time runs out
- Leveraged vanilla JavaScript DOM manipulation for rendering game logic

## TECHNICAL SKILLS

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**Languages:** Ruby, JavaScript, TypeScript, HTML/CSS, SQL, GraphQL

**Frameworks:** Ruby on Rails, RSpec, React, Redux, Jest, Node.js, Next.js, Express.js, Koa.js

**Databases:** MySQL, PostgreSQL, MongoDB

**Tools:** Git, Postman, REST API, Docker, AWS, Redis, Figma, Sidekiq, CircleCI, DataDog, Metabase

## EDUCATION

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### App Academy

*Certificate in Software Engineering*

New York, NY

Oct 2021 – Jan 2022

### Huntery College, CUNY

*MA in Art History*

New York, NY

Aug 2016 – Jan 2019

### Binghamton University, SUNY

*BA in Art History, German Studies*

Binghamton, NY