

# Yash Arora

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## Skills

**Languages:** TypeScript, JavaScript, Python, HTML, CSS, Ruby, Java, Go, SQL

**Technologies:** React, Node.js, Angular, GraphQL, Rails, jQuery, Jest, Express, Flask, Django

**Tools:** Git, MongoDB, Jenkins, AWS, GCP, Kubernetes, Docker, Redis

## Experience

### Shopify

Software Engineer Intern

Toronto, ON (remote) | Sept 2021 – Dec 2021.

- Deployed Hydrogen Developer Preview with TypeScript, React, Ruby on Rails, and GraphQL for 80+ Shopify Plus Merchants.
- Developed a dashboard using React and TypeScript to display deployment statuses for custom storefronts on Oxygen.
- Implemented polling optimizations, lazy-loading, and rate limiting using GraphQL and React, reducing API query costs by 93%.
- Added an open-source readable time library to Quilt using Go/Golang and JavaScript, downloaded by ~45,000 users/week.

### Carbonite

Software Engineer Intern

Boston, MA (remote) | Jan 2021 – Apr 2021

- Led the development of a backup monitoring service using React, Node.js, and SQL, used by over 300,000 active servers.
- Worked with PMs and UX developers on a new user interface to automatically configure computers for backup tasks.
- Leveraged Jest, Enzyme, Karma, Webpack, and jQuery to write unit and integration tests for Angular and React components.

### Localintel

Software Engineer Intern

Calgary, AB (remote) | May 2020 – Aug 2020

- Created a data visualization tool with Angular and jQuery to display logistics and accessibility statistics for US infrastructure.
- Built a data management portal using Typescript, Angular, and Node.js to automatically perform client map updates.
- Automated the execution of Python and Node.js scripts using Airflow, reducing on-call developer time by 12 hours weekly.

### Hatch

Software Developer Intern

Toronto, ON | Jan 2019 – June 2019

- Designed a notification delivery service using Python and GraphQL, increasing user retention on the learning platform by 14%.

## Projects

**Ohana** | Free Online Code Collaborator ([Try it!](#)) | Node.js, React, Express, Socket.IO, Firebase

[itsohana.com](#)

- Implemented real-time syncing using Firestore and Socket.IO for whiteboard drawings with up to 15,000 simultaneous users.

**ThinQ** | Internet-Free Virtual Personal Assistant | Node.js, Wolfram Alpha, Twilio

[yasharora.com/thinq](#)

- Received funding from the Royal Bank of Canada, Scotiabank, and former Dragons' Den Investor Michael Wekerle.
- Demoed to private investors at International Career Development Conferences (ICDC) in Orlando, FL and Atlanta, GA.

**Waterloo Aquadrone** | Autonomous Underwater Drone | Python, C++

[github.com/waterloo-aquadrone](#)

- Programmed data preprocessing scripts for over 43,000 images used in a TensorFlow image classification neural network.

## Education

**University of Waterloo**

Sept 2019 – Apr 2024

Bachelor of Software Engineering, Honours

3.92 cGPA (93.5% Previous Term Average, Dean's Honours List)

- Software Engineering Society Vice President, B.P. Dammizio Scholarship and Presidents Scholarship Recipient.