

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, Azure, Docker, Kubernetes

Education

University of Waterloo

Sept 2019 – Apr 2024

Bachelor of Software Engineering, Honours

4.00 cGPA (93% Previous Term Average, Dean's Honours List)

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

Experience

Shopify

Frontend Software Engineer Intern

Toronto, ON | Sept 2021 – Dec 2021.

- Deployed **Hydrogen Developer Preview** with Ruby on Rails, TypeScript, React, 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%.
- Established an internationalized time library using Go/Golang and JavaScript for **Quilt**, Shopify's open-source repository.

Carbonite

Software Engineer Intern

Boston, MA | Jan 2021 – Apr 2021

- Led the development of a feature using React and Node.js to monitor the backup statuses of ~300,000 active computers.
- 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

Seattle, WA | May 2020 – Aug 2020

- Developed a **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

- Prototyped a notification delivery service using Python and GraphQL to increase user retention on the learning platform.

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.

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

yasharora.com/thing

- 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.