

# Yash Arora

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## 🔧 Education

### University of Waterloo

Bachelor of Software Engineering  
Sept 2019 – Apr 2023

- 4.00 GPA, 94% Term Average.
- 4x Dean's Honors List

## 🔧 Skills

Languages

JavaScript

TypeScript

HTML

CSS

Python

Java

Go

Technologies

React

Angular

Node.js

Jest

Jasmine

Flask

jQuery

Tools

Git

MongoDB

Jenkins

AWS

GCP

Kubernetes

Docker

## 🔧 Work Experience

### Tesla

Incoming Frontend Software Engineer – Energy Platforms

Palo Alto, CA | Jan 2022 – Apr 2022

### Shopify

Frontend Software Developer

Toronto, ON | Sept 2021 – Dec 2021

- Currently working on beta features for our next release of Oxygen, a hosting platform optimized for headless ecommerce!
- Developed a dashboard using React and TypeScript to display deployment statuses for custom storefronts hosted on Oxygen.
- Implemented polling optimizations, lazy-loading, and rate limiting using GraphQL and React, reducing API query costs by 93%.

### Carbonite

Software Engineer

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

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

Toronto, ON | Jan 2019 – June 2019

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

## 🔧 Projects

**Thingq** – The world's first internet-free virtual personal assistant.

yasharora.com/thingq

- 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.

**Ohana** – Easily collaborate on code with anyone, anywhere.

itsohana.com

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

**UW Aquadrone** – An unmanned, fully autonomous underwater drone.

github.com/waterloo-aquadrone

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