Yash Arora

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Skills

Languages: JavaScript, TypeScript, Python, Go/Golang, SQL, Ruby, Java, C++

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

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

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
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**.
· Enhanced **Storefront API** with Ruby on Rails and GraphQL to process payment and transaction queries in under 50 ms.
· 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, Node.js, and SQL to monitor the backup processes of ~300,000 active servers.
· **Optimized Jenkins CI/CD Pipeline** using parallelization with Groovy to reduce the Carbonite Server Portal build times by 78%.
· Deployed a REST API to automatically configure new computers for backups, decreasing user setup times by 23%.

Localintel
Software Engineer Intern   Seattle, WA | May 2020 – Aug 2020
· Automated the execution of Python and Node.js scripts using Airflow, reducing on-call developer time by ~12 hours weekly.
· Developed a **visualization tool** with Angular and jQuery to display logistics and accessibility statistics for US infrastructure.
· Built a data management portal using Node.js, Express, and Angular to automatically perform client map updates.

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

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.

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.

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.