

Yash Gajaria

🌐 yashg.me

in /yashgajaria

✉ ygajaria@uwaterloo.ca

🐙 /yashgajaria

SKILLS

- **Languages:** Python, C++, C#, Java, JavaScript, HTML, SQL, CSS, PHP
- **Technologies:** Node.js, Express.js, React, Flask, Django, MongoDB, PostgreSQL, SQLAlchemy, MySQL
- **Tools:** AWS, GCP, Heroku, Kubernetes, Docker, Jupyter, Jira, Git

EDUCATION

University of Waterloo - BASc, Systems Design Engineering (3.92 GPA) **Sep 2019 - Present**

Member of Engineering Ambassadors, Engineers Without Borders, and Orientation Leader

Relevant Coursework: Data Structures and Algorithms, Digital Computation, Human Factors in Design

EXPERIENCE

Lean Payments | Full Stack Engineer **Sep 2020 - Present**

- Configured backend dashboard to graph number of newsletter subscribers using **PHP** to help visualize effectiveness of marketing efforts and view client engagement
- Redesigned *Contact Sales* and *Our Team* pages using HTML/CSS to improve credibility and interaction points
- Building a serverless **API gateway** to streamline the customer onboarding experience using **AWS** Cognito, Lambda functions, DynamoDB and React for secure member portal

OpenText | Software Quality Assurance Specialist **Jan 2020 - Apr 2020**

- Performed and wrote test cases on OpenText containers using **Kubernetes** on GCP and Docker Desktop
- Wrote and monitored automated tests in **Java** using Selenium WebDriver and Eclipse with Perforce version control software to improve QA verification times by increasing automated regression testing coverage by 20%
- Conducted security tests using PortSwigger Cybersecurity software and generated reports to indicate security flaws

PROJECTS

JP Morgan Chase Software Engineering Virtual Experience *Python, Node.js, React, Express*

- Processed raw stock information into a data feed comparing stock prices using Python script with **unit test** coverage
- Designed and pushed features to company visualization library using Node.js and React to monitor the ratio between two stock prices given upper and lower bounds on a continuous graph

Poker Facilitator Messenger Bot 🐙 *Node.js, Express*

- Created a Facebook Messenger Bot to replicate casino chips to facilitate poker games
- Developed backend using **Node.js** and Express to expose endpoints to Messenger API and store game data in a MongoDB Atlas database using Mongoose

Honest Opinion Blogging Platform 🐙 🌐 *Python, Flask, HTML, CSS, SQL*

- Built a CRUD blog using **Python** and **Flask** hosted on Heroku with data stored in a PostgreSQL database
- Created a frontend page using HTML, CSS, and Bootstrap with built in Facebook and Twitter integrations

SnowTrackr 🐙 *Python, C++*

- Constructed a snow accumulation level notification system at NewHacks aimed at snow maintenance workers
- Used a webcam and Python OpenCV library alongside Arduino sensors with firmware developed in **C++** to compute snowfall and send an SMS to users using the Twilio API

INTERESTS

- Hockey, Long-distance Running, Riddles, Puzzles, Juggling, Landscaping, Home Renovation