

Yash Kapoor

ASPIRING INNOVATOR AND SOFTWARE DEVELOPER

YASH.KAPOOR@UWATERLOO.CA | [LINKEDIN.COM/IN/YASHK10](https://www.linkedin.com/in/yashk10) | [GITHUB.COM/YASHK-10](https://github.com/YASHK-10) | [YASHKAPOOR.CA](https://yashkapoor.ca)

Technical Skills

Languages: Python, JavaScript, TypeScript, C++, C, HTML/CSS, SQL, Racket

Tools/Frameworks/Libraries: React, Express, Node.js, AWS, Git, GraphQL, MongoDB, MySQL, Firebase, Redux

Experience

HubSpot

Jan 2024 - April 2024

Software Engineer Intern - Structured Content Editing Team

Boston, MA

- Leveraged **GPT-4 & HubL** to engineer **content-generation** features within Rich Text Editor, resulting in a **33% reduction in time spent** on content creation
- Developed a **dynamic tier-based paywall** with **TypeScript, Redux, & React** for HubDB facilitating the launch of Content Hub
- Expanded HubDB's versatility by implementing support for **File and Call-To-Action** column types **increasing customer satisfaction by 12%**
- Revamped the **HubDB Schema** to support a **marketer-friendly UX** with **code-friendly internal values**

BlackBerry

May 2023 - Aug 2023

Software Developer Intern - Cylance Guard Team

Mississauga, ON

- Utilized **AWS SQS & Lambda** to implement a serverless architecture for **real-time threat detection** orchestrating **22 million** alerts daily
- Leveraged **DynamoDB Streams & AWS SNS** to handle **large-scale data processing** and identify changes in **tenants' device health** resulting in improved scalability
- Developed robust **REST APIs** with **Node.js & GraphQL** pinpointing client **weaknesses against cyberthreat** enabling customers to **promptly rectify issues** and **enhancing system reliability**

Node App

Jul 2020 – May 2021

Software Engineer Intern

Waterloo, ON

- Created an **admin managing software** to approve & review influencers and businesses during onboarding
- Developed a streamlined internally connected system offering access to every company, user, and their activity in a visually simple format to **improve organizational productivity and efficiency by 33%**
- Built **AWS Lambda Functions** to extract data from **Cognito User Pools & MySQL** database to connect with the **React.js** frontend using **Amazon API Gateway**

Projects

FRASER | *MERN, Face-API.js, React Router & Chakra-UI*

- Built an **authentication app** purposed at enhancing safer digital interactions by using **facial recognition**
- Achieved an identification accuracy of **87% in over 200 tests** by utilizing **Face-API.js** paired with **Node.js, Express, and MongoDB**
- Aimed at tackling the issue of rising cybercrime and ransomware attacks (**up 3000% since 2020**) by utilizing **facial landmark data** which is unique to each individual

Achievements

XHacks Organizer - One of Canada's largest student-held Hackathons with over 1000 international participants

Most Viable Startup Award - Hack The North East 2021

Most Innovative Project Award - ST Hacks 2021

Blue Service Promise Award for Excellent Customer Service - Loblaws Real Canadian Superstore

Education

University of Waterloo

Waterloo, ON

Bachelor of Computer Science

Graduating Dec 2025

Courses: Data Structures & Algorithms, Computer Organization & Design