

Yash Kapoor

ASPIRING INNOVATOR AND SOFTWARE DEVELOPER

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Education

University of Waterloo Expected May 2026
Bachelor of Computer Science
Courses: Data Structures & Algorithms, Object-Oriented Programming, Sequential Programming & Compilers

Experience

HubSpot	Jan 2024 - April 2024
<i>Software Engineer Intern - Structured Content Editing Team</i>	<i>Boston, MA</i>
<ul style="list-style-type: none">• 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
<i>Software Developer Intern - Cylance Guard Team</i>	<i>Mississauga, ON</i>
<ul style="list-style-type: none">• 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
<i>Software Engineer Intern</i>	<i>Waterloo, ON</i>
<ul style="list-style-type: none">• 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 Founder - 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

Technical Skills

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

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