Yash Kapoor

Aspiring Innovator and Software Developer

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Technical Skills

Languages: JavaScript, Python, C, HTML/CSS, SQL, Racket
Tools/Frameworks/Libraries: React, Node.js, AWS, Git, GraphQL, MongoDB, MySQL, Firebase, Redux

Experience

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**

Qoom · Jun 2021 – Sep 2021
Full-Stack Software Developer Intern · *San Francisco, CA*

- Built an **authentication app** purposed at enhancing safer digital interactions by using **facial recognition**
- Increased **cyber security** through implementing **facial landmark** detection technology
- Achieved an identification accuracy of **87% in over 200 tests** by utilizing **Face-API.js** paired with **Node.js, Express,** and **MongoDB**

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*

- Created a multi-factor authentication process enabling businesses to **protect sensitive information** by using facial recognition
- Aimed at tackling the issue of rising cybercrime and ransomware attacks **(up 3000% since 2020)** by utilizing facial data which is unique to each individual

Beacon | *MERN, Firebase Auth, Bootstrap & Mapbox Geocoder API*

- Developed a **crowd-sourced COVID-19 relief platform** which leverages data provided through community input on product stock levels & lines
- Tested at **50 grocery stores** in the GTA area to facilitate purchase of essential items and limit large gatherings amidst the pandemic
- Implemented geolocation technology to find nearest points of interest for customers

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 May 2025*