

# Krish Chandarana

## Computer Science and Business Student

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### Skills

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#### Technical

Python, Java, C, C++, Dart, JavaScript, HTML, CSS, VBScript, SQL, XSL/XSLT, TypeScript, XML

#### Other

Researcher, Efficient communicator, Coachable, Analytical, Collaborative, Finance and Business Enthusiast

#### Frameworks/Tools

Flutter, React Native, AWS, Azure, Kubernetes, Docker, NodeJS, ASP.Net, Firebase, Google APIs, SQL Server Management Studio, MongoDB, Git, Github, Jira, Hubspot, Microsoft Excel and PowerPoint

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### Experience

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#### Software Engineer Intern, Magnet Forensics [🔗](#)

01/2023 – 04/2023

Waterloo, Canada

- Worked in a fast-paced environment, **utilizing JIRA**, implementing feature enhancements and optimizations to the Magnet Review product, **pivotal to 5.0 release** using **JavaScript, TypeScript, React.js, SQL Server Management Studio, ASP.NET, CSS**
- Performed backend **optimizations to enable efficient** and seamless retrieval and deletion of specific cases
- **Implemented enhanced security** specific to authorization upgrades on multiple pages within Magnet Review
- Implemented UI changes to ensure the breadcrumb trail appears on all case pages and includes links to parent pages thus **enhancing user experience**

#### Software Engineer and Marketing Intern, RhythmQ [🔗](#)

05/2022 – 08/2022

Toronto, Canada

- Worked closely with the technology team to develop and support RhythmQ's online software RQ Awards using **HTML, CSS, Java, XSL/XSLT, JQuery, Javascript, ASP.Net, SQL, and VBScript**
- Implemented support web-page to act as a self-serve, web-based customer service tool **simplifying admin experience**
- Developed new feature for admins **enable personalized PDF letters to over 100,000+ users** depending tag assigned
- Assisted in **executing and monitoring social media channels** for **40+ digital clients**
- Provided daily reports on clients using **Excel, Hootsuite, and Google Analytics**

#### Researcher, Western University Covid-19 Project

03/2020 – 07/2020

Remote

- A project that was funded by **The Canadian Institute of Health** for research purposes
- Helped research how different levels of government across Canada leverage social media platforms for COVID-19 communications

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### Projects

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#### Consultation For Sidewalk Labs [🔗](#)

- Consulted for Sidewalk Labs to develop a solution to **create more affordable housing in Downtown Toronto**. Sidewalk Labs is Alphabet's (Google's parent company) smart city subsidiary, with one of their goals was to turn Toronto's waterfront into a high-tech utopia
- A three-step solution that involves **factory based pre-fabrication**, a **generative design program** to aid with floor space optimization, and **principle residence rental optimization**

#### My Personal Doctor, Java, Voiceflow, Rest APIs, Twilio, Netbeans [🔗](#)

- A smart assistant for individuals to self-diagnose and then if needed, reach out for medical help.
- Designed a **Google Home Action using Voiceflow** to interface Google Sheets - the database - and APIs
- For the creation of the patient-doctor portal, we used **Java and Netbeans** to create a secure and reliable GUI

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### Education

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#### University of Waterloo and Wilfrid Laurier University,

09/2021 – 08/2026

BCS/BBA Computer Science and Business Administration (Double Degree)

Waterloo, Canada

- **Cumulative GPA:** 3.7
- **Relevant Courses:** Financial Management 1/2, Sequential & Object-Orientated Programming, Stats
- **Activities:** Laurier Squash Team, Soccer Intramural Captain, Double Degree Mentor