Chashmeet **Singh**

FULL STACK DEVELOPER

Waterloo, ON

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Technical Skills

Programming Languages / Frameworks: Java/Apex/Android/Springboot, Python/Django, Ruby on Rails, Swift/iOS, React
Software Applications: XCode, VSCode, Android Studio, Sketch, Rubymine, WebStorm
Databases: Firebase, MySQL, PostgreSQL, MongoDB, SQLite

Education

Master of Applied Computing (92.5%)	*Windsor, ON*
University of Windsor	September 2018 - April 2020
B.Tech. Computer Science and Engineering (First Division with Distinction)	*New Delhi, India*
Indraprastha University	August 2014 - May 2018

Work Experience

BlackBerry Limited   *Waterloo, ON*
Applications Software Developer   April 2020 - Present
Software Development Student   September 2019 - April 2020

• Developed a robust, fault-tolerant solution using Apex(Salesforce) and MuleSoft APIs for sales order fulfillments reducing time from 10 minutes to 4 minutes and impacting millions of BlackBerry customers, ISVs and agents
• Built a solution for routing support cases sitting in queues to support agents in real time to prevent SLA breaches
• Developed a **Lightning Web Component** for BlackBerry's Infrastructure Events and Article subscriptions

Venturit Inc.   *Windsor, ON*
Application Developer   July 2019 - March 2020

• Collaborated with a remote team to build and design an existing web application written in ***Ruby on Rails*** using ***Amazon RD2*** for storing the database and performed **n+1** query optimisation reducing the load time from 1.2 mins to 27 secs
• Integrated ***WebRTC*** using TokBox platform and helped build a ***scalable*** platform supporting more than ***50,000*** users

NXT Sports LLC   iOS App Link   *Chicago, PA (Remote)*
Ruby on Rails / iOS Contract Developer   March 2016 - February 2017

• Built a web application from ground up using ***Ruby on Rails***, ***Nginx***, ***Sendgrid*** and ***MySQL*** handling more than ***10,000*** users daily
• Developed and published an ***iOS*** Application for the platform consuming the backend APIs within 2 months

Projects

FoodCourt

• Developed an **iOS** application to order from multiple vendors as a single order using **Java/Springboot** as backend

• Application was selected to be demoed on **Demo Day** at **University of Windsor** and was offered an internship by **DeliverBae** and a partnership offer by **WEtech Alliance**

SUSI iOS - Google Summer of Code Intern (FOSSASIA)

• Architected an **iOS** application for **home automation** to support features such as **hotword recognition** using Snowboy, controlling smart speakers over **BLE/WiFi** and implementing features like **hands-free** mode, **guest mode**, etc.
• The source code is open sourced and has more than ***1.4k stars*** and ***100+ forks***

TrackMyShows

• Developed a TV show tracking ***Android*** app in **Java** from scratch which uses ***Realm*** for local database and Trakt.TV Api for getting TV shows data and local notification alerts for users
• The app consumes data from a ***Ruby on Rails*** API which consumes several APIs for getting data and delivering notifiication alerts
• After maintaining a successful **1k+ users daily** and over **50k installs** within **6 months**, the app was **sold for USD 2500**.

Online Quiz Application

• Built an online quiz/assignment application using Java Server Pages (JSP) for teacher and students using MySQL as database
• Developed within a short span of 2 days without prior knowledge of Java App development for a client

Honours and Activities

5-star Mentor at Codementor.io Profile Link	October 2015 - November 2019
Mentor at Hack The North 2019	September 2019
Best Implementation of Security Measures - Hack Western V	November 2018
Winner of Fastest Startup Time - Droidcon UK App, London	November 2016