

# Sunny Bhatt

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## EDUCATION

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### McMaster University

B.Sc in Computer Science **GPA: 3.92/4.00**

Hamilton, Ontario, Canada

2018 - 2022

Coursework: Discrete Mathematics, Data Structures and Algorithms, Principles of Programming, Software Design

## EXPERIENCE

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### Software Engineer Intern

CIBC

Toronto, ON

May 2020 - Aug 2020

- Developed a RESTful API wrapper using Java/Spring for a legacy online banking API to follow the open banking standard
- Built a cross-platform mobile app using Dart/Flutter to pilot new digital banking features
- Developed a single-sign-on feature with functionality to aggregate data from multiple accounts onto one platform

### Software Engineer Intern

Royaltymine

Toronto, ON

Jun 2019 - Aug 2019

- Built end-to-end functionality for handling user-generated audio content by developing a streaming API as well as an audio upload and processing pipeline to trim, watermark, and save music files to GCP cloud storage
- Used React to design responsive, mobile-first web pages such as a content discovery page and user dashboard
- Implemented a data-ingestion utility using Node.js and MongoDB to build an ETL pipeline for processing royalty revenue
- Optimized search by implementing a debounce function for live results, reducing search API requests by 55%

### Software Developer Intern

Population Health Research Institute

Hamilton, ON

Feb 2018 - Aug 2018

- Maintained enterprise clinical trial management software using C# and the ASP.NET MVC framework
- Redesigned the user portal and dashboard with intuitive multi-step forms to improve user flow
- Developed a modern landing page for the company's flagship product

## PROJECTS

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### CP Cheats

200,000 registered users

Jan 2014 - Apr 2017

- Reverse-engineered a popular multiplayer game to develop a third-party client, interfaced by a collection of web applications allowing users to connect to and manipulate their player accounts, earning \$31,000 in revenue
- Built a user management system for a large-scale rewards platform, handling earnings and purchases with virtual currency
- Implemented a custom CMS using PHP and MySQL for blog posts, comments, and web pages

### champs.gg

Jan 2020 - Present

- Built a deployment pipeline and scalable web infrastructure using AWS S3, AWS Elastic Beanstalk and MongoDB Atlas
- Designed NoSQL schemas for efficiently storing and retrieving a large amount of votes for a crowd-sourced rating system
- Used Node.js and Express to develop a RESTful API interfaced by a single-page React app, receiving 1,000+ daily users

### FuelPlan

Nov 2018

- Developed a Chrome extension that displays a calculated trip cost for routes when searching for directions on Google Maps
- Consumed a RESTful API to access a database of vehicles makes, models, and their fuel economies

## SKILLS

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**Languages:** Java, Python, JavaScript, Dart, PHP, C#, HTML, CSS

**Frameworks and Libraries:** Node.js, React, Spring Boot, Django, jQuery, Flutter

**Tools and Databases:** MongoDB, MySQL, AWS, Git