

# Sunny Bhatt

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## EDUCATION

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### McMaster University

BSc in Computer Science **GPA: 3.92/4.00**

Hamilton, Canada

*Sep 2018 - May 2022*

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

## EXPERIENCE

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### Software Developer Intern

CIBC

Toronto, ON

*May 2020 - Aug 2020*

- Used Java/Spring to build a developer-friendly RESTful open banking API that wraps a legacy online banking system
- Developed a secure system for saving banking credentials on device using Dart/Flutter and Android biometrics
- Implemented 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
- Optimized search by implementing a debounce function for live results, reducing search API requests by 55%
- Used React.js 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

### Software Developer Intern

Population Health Research Institute

Hamilton, ON

*Mar 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 Tools

- 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, receiving **1.2 million unique visitors**
- Built a large-scale rewards platform to handle earnings and purchases with virtual currency for **200k registered users**
- Implemented a custom CMS using PHP and MySQL for blog posts, comments, and web pages

### champs.gg

- Built a scalable web infrastructure and deployment pipeline 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 alongside a user interface built in React, receiving **1,000+ daily users**

### FuelPlan

- Developed a Chrome extension that displays an estimated 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#

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

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