



Sunny Bhatt

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EDUCATION

McMaster University

B.A.Sc in Computer Science **GPA: 3.9/4.0**

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

Hamilton, ON

Sep. 2018 - Apr. 2022

EXPERIENCE

Software Engineer Intern

Royaltymine

Toronto, ON

May 2019 - August 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 Co-op

Population Health Research Institute

Hamilton, ON

Feb 2018 - August 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
- Designed a modern landing page for the company's flagship product

PROJECTS

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
- Made use of a RESTful API to access a database of vehicles makes, models, and their fuel economies

SKILLS

Languages: Java, Python, JavaScript, SQL, PHP, C#, HTML, CSS

Frameworks and Libraries: Node.js, React, Express, Django, Bootstrap, jQuery

Tools and Databases: MongoDB, MySQL, AWS, Google Cloud Platform, Git