Sunny Bhatt

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EXPERIENCE

Facebook   New York, NY, USA
Software Engineer Intern   *May 2021 - Aug 2021*

· Developed infrastructure for Instagram Shopping to support showing featured shoppable content on various feeds
· Used Python and Hack to build an internal tool for Instagram employees to curate shopping experiences
· Proposed and implemented a data model change to unblock development of new product tagging features on Instagram

CIBC   Toronto, ON, Canada
Software Developer Intern   *May 2020 - Aug 2020*

· Used Java/Spring to build a developer-friendly open banking API that encapsulates 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

Royaltymine   Toronto, ON, Canada
Software Engineer Intern   *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%

PHRI   Hamilton, ON, Canada
Software Developer Intern   *Mar 2018 - Aug 2018*

· Maintained enterprise clinical trial management software using C# and the ASP.NET MVC framework
· Designed a landing page for the company's flagship product

EDUCATION

McMaster University   Hamilton, ON, Canada
BSc in Computer Science **GPA: 3.93/4.00**   *Sep 2018 - Apr 2022*

Relevant Coursework: Data Structures & Algorithms, Discrete Mathematics, Probability, Concurrent Systems

PROJECTS

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

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

SKILLS

Languages: Python, C++, PHP, JavaScript, Java

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

Tools and Technologies: MongoDB, MySQL, AWS, Git