

# BHAVYA JAIN

## Software Developer

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## Experience

### **Junior Software Developer @ Commonwealth Retirement, Toronto**

September 2021 – Present

- Utilized Java, React and SQL to develop a modern web application serving hundreds of clients
- Increased user friendliness of the web application by simplifying the UX
- Automated manual operations to improve process efficiency by 20%

### **Support Team Lead @ Hack the Valley, University of Toronto**

February 2020

- Headed the on-ground support team for one of Canada's biggest hackathon events
- Made the event more accessible for more than 400 students from all over Canada
- Successfully accommodated the requirements of the event's sponsors

## Education

### **University of Toronto: Honors Bachelor of Science**

September 2018 - Present

Specialist in Comprehensive Computer Science (Co-op)

## Projects

### **Proflix**

December 2020 - Present

Envisioned and developing a video streaming platform for user owned content, complete with recommendations from an included Recommendation Generating Machine Learning algorithm.

### **Code Collab**

March 2021

Built a cloud-based code editor, which supports multiple programming languages (HTML, CSS, JavaScript), real-time code editing and rendering of the result aimed at making code collaboration easier

## Skills

**Operating Systems:** Unix/Linux (Ubuntu, Arch Linux), MS Windows, MacOS, iOS, Android

**Technologies:** ReactJS, NodeJS, Spring Boot, Flask, SASS, AWS, GitHub Actions, NumPy, PostgreSQL, MySQL, Version Control (Git, SVN), Docker, Express, REST, AJAX, Web sockets, MongoDB, GraphQL, MS Word, PowerPoint, Excel

**Others:** Algorithms and Data Structure Design, Relational Database Design, UML Diagramming

## Programming Languages

- |              |        |
|--------------|--------|
| • Python     | • Java |
| • HTML5      | • CSS3 |
| • JavaScript | • SQL  |
| • Typescript | • R    |
| • C          | • C++  |

## Awards and Co-curriculars

### **University of Toronto Scholarship**

September 2018

Received scholarship from University of Toronto for excellent academic record in 2018.

### **Nayi Astha Welfare Society**

April 2017

Volunteered as an assistant teacher at an Indian NGC which runs a school for the underprivileged kids