

# Bhavdeep Arora

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## EDUCATION

**Toronto Metropolitan University (Formerly known as Ryerson University)** Toronto, ON  
*Bachelor of Science (Honours) - Computer Science* Sep. 2022 - 2026 (Expected)  
• Relevant Coursework: Data Structures, Algorithms, Software Engineering, Operating Systems, Data Science

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, JavaScript, HTML/CSS, PHP, Ruby, Elixir, Haskell, Rust, Go  
**Frameworks:** React, Node.js, Tailwind, Django, Flask, WordPress  
**Developer Tools:** Git, Docker, TravisCI, Google Cloud Platform  
**Databases:** MySQL, SQLite, MongoDB, Oracle, AWS, Azure, Firebase  
**Office Tools:** Word, Excel, PowerPoint, Jira

## PROJECTS

### Stockify | *Python, MySQL, Excel*

- Integrated **Alpha Vintage API** for real-time stock data retrieval
- Implemented algorithms for data processing and analysis
- Organized and analyzed stock data efficiently using SQL database and Excel, facilitating streamlined decision-making processes

### Bug Reporting System (BRS) | *Python, Flask, SQLite3, JavaScript, HTML, CSS*

- Designed and developed a Bug Reporting System (BRS) app to streamline the process of reporting and managing software bugs or defects
- Implemented **user authentication feature** for secure access to the system, enhancing data confidentiality and integrity
- **Created graphical representations** of bug trends for **better sprint planning**, improving overall project management efficiency

### Calvin and Hobbes Quoter | *Python, Flask, JSON*

- Developed a Flask-based API for a Calvin and Hobbes quote application, improving scalability and flexibility for future enhancements
- Designed and implemented a robust system to receive and store quotes in a JSON file, resulting in efficient retrieval and management of quotes
- Ensured seamless integration of the API, providing a user-friendly interface for easy access to quotes, leading to a 25% increase in user engagement

### Personal Portfolio Website | *React.js, CSS, Vercel, Framer Motion*

- Designed and developed a fully responsive portfolio website showcasing projects and skills
- Implemented **smooth animations** using Framer Motion to enhance user experience
- Optimized site performance with **lazy loading** for faster load times

## VOLUNTEER EXPERIENCE

### Inspire Event 2023 | *Speaker Coordinator Team Leader*

January 2023 - March 2023

- Coordinated speaker events, ensuring smooth execution
- Secured influential and engaging speakers aligned with event goals

### Sci Exchange at Toronto Metropolitan University | *Volunteer & Assistant*

September 2023 - April 2024

- Provided guidance and support to participants and visitors
- Engaged actively with numerous participants, fostering a positive environment
- Contributed significantly to post-event cleanup and organization efforts