

## EDUCATION

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### Honours Bachelor of Science

September 2018 - Present

#### University of Toronto Scarborough

Specialist in Comprehensive Computer Science (Co-op)

Awards: University of Toronto Entrance Scholarship

## TECHNICAL SKILLS

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**Programming languages:** HTML5, CSS3, JavaScript, Typescript, Python, Java, SQL, R, Haskell, C, C++

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

**Technologies:** ReactJS, NodeJS, Spring Boot, Flask, 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

## RELEVANT PROJECTS

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### Proflix

December 2020 - Present

- Envisioned and developed a video streaming platform for content sourced by the user, complete with authentication and support of up to 5 profiles per user comparable to Netflix
- Uses latest web technologies: **NextJS**, **Material-UI** and **NodeJS** for building the visually appealing and intuitive web-app backed by **Microservices** of **REST** API's; will utilize **Neural Network** algorithms to make recommendations based on viewing history and ratings provided by the user

### Web Gallery

April 2021

- Created a secure image repository which focuses on providing a space for users to share and comment on other users' posts
- Built an intuitive and visually appealing application from scratch using **JavaScript (ES6)**, **HTML5**, **CSS3** supported by a robust backend of **NodeJS**, **Express** and **Clam Scan anti-virus tool**

### CodeCollab

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
- Unique feature includes an image to code convertor which employs Machine Learning algorithms to convert an image of a code snippet to actual code

### UImpactify

October 2020 - December 2020

- Designed and coded an online course management platform in an **AGILE** environment utilizing bleeding-edge web technologies **GatsbyJS** and **NodeJS**, supported by **MongoDB**
- Tackled ever changing client demands while managing to deliver on time, a production ready software

## WORK EXPERIENCE

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### Volunteer

February 2020

Hack the Valley IV (*University of Toronto, Scarborough*)

- Managed Canada's biggest hackathon for hundreds of students across the globe by being an on-ground volunteer
- Tackled the challenges of the event by helping students navigate the event and reach their seminars on time, thereby making the event more accessible for more than 400 students

### Sales Manager

April 2018 - August 2018

Daya Ram Prem Sagar Jain Pvt. Ltd. (*New Delhi, India*)

- Tasked with daily inventory and communication with clients about their order's progress which was successfully carried out by rapidly learning basics of book-keeping and simultaneously improving interpersonal skills
- Led a customer interaction campaign resulting in cordial customer relation, boosting the monthly sales by 10%.

### Volunteer

April 2017

Nayi Aastha Welfare Society (*Delhi, India*)

- Taught Mathematics and English to 20+ underprivileged children making education more accessible for them
- Provided mid-day meals to the children which increased their turnaround to the class by 20%