

EDUCATION

Honors 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

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, NumPy, PostgreSQL, MySQL, Version Control (Git, SVN), Docker, Express, REST, Web sockets, MongoDB GraphQL, MS Word, PowerPoint, Excel

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

RELEVANT PROJECTS

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 EXPERIENCES

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 to tackle the challenges of the event by helping students navigate the event and reach their seminars on time and 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%