

# MILIND VISHNOI

Toronto, ON | 416-434-6092 | [milind.vishnoi@mail.utoronto.ca](mailto:milind.vishnoi@mail.utoronto.ca) | [linkedin.com/in/milindvishnoi](https://www.linkedin.com/in/milindvishnoi) | [github.com/milindvishnoi](https://github.com/milindvishnoi)

## EDUCATION

**Bachelor of Science (Computer Science & Statistics Major)**, University of Toronto (CGPA: 3.52)

Sept 2018 - Dec 2022

Dean's List: Awarded to high academic performer

## EXPERIENCE

### Founder

Toronto, ON

HoopUp

May 2021 - Current

- Developed **core components** such as smart text fields, authentications modules, git control of cross-platform application to speed up development process by using **React Native, Bash, Trello & NodeJS**
- Assisted in **designing, structuring, choosing core tech stack** & delegated responsibility to solidify the business models

### Teaching Assistant

Toronto, ON

University of Toronto

Jan 2021 - Current

- Held weekly labs for **Python** programming, basic **algorithm construction** & introductory **complexity analysis** to help students grasp material taught in classes by facilitating discussions, giving presentations and live coding sessions

### Junior Developer

Toronto, ON

Edsembli

May 2021 - Sep 2021

- Implemented various modules such as employee information, employee timesheet, etc in Edsembli's HRP solution using **.NET framework** with **AngularJS** which helped the company to develop a web based solution
- Resolved 50+ bugs (4 critical) by using **Chrome Developer tools** to improved security, launch speeds & application logic

### Core Software Developer

Toronto, ON

Grey Software

Jun 2020 - Jan 2021

- Reported directly to CEO** for improving business model & it's representation on the website using **Nuxt & Quasar**
- Utilized **bash scripts** for **formatting, editing & automating git restrictions** making development process smoother & uniform

## PROJECTS

### Material Maths

A math application to help students improve their mental maths with 2000 users/year ([github.com/grey-software/Material-Math](https://github.com/grey-software/Material-Math))

- Created a scoring system using state management tools (**Vuex**) & **TypeScript** to gamify the process of learning with a mentor
- Added a configuration module with different practice modes to determine what students want to practice worked

### GameFace

A platform to have unbiased reviews on the various games out there ([github.com/milindvishnoi/GameFace](https://github.com/milindvishnoi/GameFace))

- Worked in **Agile** with a team of 5, where I worked as a **Full Stack Developer & Project Manager**
- Optimized application **API** by 20% by changing data scheme using **Postman** & developed UI/UX using **React & Material UI**
- Developed user **authentication module** in **NodeJS** & improved developer experience by creating middlewares for authentication

### CardsMadeEasy

A JS library to help front-end developers create container objects for their applications ([github.com/milindvishnoi/CardsMadeEasy](https://github.com/milindvishnoi/CardsMadeEasy))

- Added functionality to easily manage multiple containers with responsiveness and maximum customization to all device sizes
- Created animations & custom carousel using **CSS & JavaScript** to ease development process for a developer

### Download-Folder-Organizer

An application to keep your download folder organized ([github.com/milindvishnoi/Download-Folder-Organizer](https://github.com/milindvishnoi/Download-Folder-Organizer))

- Automate the process of organizing files by keeping a watch on your folder to support downloads by using **Python**

## LEADERSHIP & VOLUNTEERING

### Technical Lead

Toronto, ON

Google Developer Student Club

Aug 2021 - Current

- Lead workshops attended by 600+ students to teach them about **React, DevOps, Github Actions, Firebase, AWS, Flutter**
- Hosted mock interviews & panels for students looking for internships

### Technology Officer

Toronto, ON

UTM Computer Science Student Community

May 2020 - Apr 2021

- Created & maintained the Computer Science Student Community (CSSC) website with a in-built course manager ([github.com/utm-cssc/website](https://github.com/utm-cssc/website)) to help students keep update with their courses using **Vue, NuxtJS, Vuex & Tailwind**

## SKILLS

**Languages & IDEs** Python, Javascript, C/C++, Bash, Java, TypeScript, CSS, VS Code, Visual Studio, Webstorm, Pycharm, IntelliJ

**Frameworks** React, Vue, AngularJS, NodeJS, Flask, Pandas, Numpy, sci-kit, React Native, JavaFX, Vuex, Redux, .NET, JUnit, PyTest

**Database & Others** MongoDB, PostgreSQL, MySQL, Git, Latex, Heroku, Postman, Chrome Developer Tools, Docker, AWS