

# SRIVATSAN VISWANATHAN

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## EDUCATION

**Toronto Metropolitan University** (Formerly known Ryerson University)

September 2018 - June 2023

- **Bachelor of Computer Engineering**

Relevant Courses: Software Systems, Engineering Algorithms and Data Structures, Object Oriented Eng Analysis and Design, Operating Systems, Advanced Algorithms, Fundamentals of Data Engineering

## SKILLS

<b>Languages</b>	Javascript, Java, Python, HTML5, CSS3,
<b>Frameworks</b>	React, Node, Bootstrap
<b>Databases</b>	SQLite
<b>Tools</b>	Git, Bash, Unix

## EXPERIENCE

**Frontend Developer, PvP Strategy Website**

August 2023 - Present

- Designed, developed, and launched a PvP gaming website independently using **React**: [LoomiBase](#)
- Implemented **React Router** for efficient navigation and utilized **Redux** for streamlined state management
- **Optimized** filter algorithms by implementing **Hashmaps** to improve response times
- **Increased Engagement** from the community resulting in a growing userbase
- **Received Positive Feedback** from the community on user experience and user interface

**Customer Support Representative, Sweatcoin Server**

October 2022 - Present

- **Responded and Resolved Issues** users had regarding to the company's apps (Sweatcoin and Sweat Wallet)
- Utilized communication and problem solving skills to **De-Escalate Conflicts**

## PROJECTS

**Hockey Store** [React](#), [Javascript](#), [Node](#), [HTML5](#), [CSS3](#)

[GitHub](#)

- Created an e-commerce store for hockey equipment using **React**.
- Made use of Netlify **Serverless Functions** and **Node** to hide API keys
- Leveraged Auth0 for **Secure User Authentication**
- Applied **Context API** and **useReducer** for effective state management

**Hockey Database** [SQLite](#), [Java](#)

[GitHub](#)

- Created an SQL database using **SQLite** to contain information about hockey players, teams, coaches, etc.
- Used a **JDBC** to interact with a database using a **Java** program
- Used **Java Swing** as a front end UI for the user

**Autonomous Ping Pong Collector** [Python](#)

- Utilized **Transfer Learning** with **PyTorch** to train an SSD MobileNet object detection model on a custom dataset with labeled bounding boxes.
- Had a consistent **Confidence Value** of over 80% for good object detection

- Managed the team's progress, ensuring that the project was on track and all members were meeting their milestones as the **Project Manager** for a one-month duration
- Created documentation for future students on how to create and train datasets