SRIVATSAN VISWANATHAN

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EDUCATION

Toronto Metropolitan University (Formerly known Ryerson University)   September 2018 - April 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

Languages	Javascript, Java, Python, HTML5, CSS3,
Frameworks	React, Node, Bootstrap
Databases	SQLite
Tools	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