

Sunraj Sharma

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EDUCATION

Software Engineering Technician Diploma, Conestoga College, Waterloo, ON

2020-2022

- **Relevant courses:** Relational Database, Web Design and Development, Embedded systems, Data Structures, Math & Statistics and Cybersecurity
- Applying software engineering design techniques, data structures, algorithms, project management principles and tools to the implementation of a software system within a computing environment

WORK HISTORY

Junior Software Developer, InvestorCOM

Aug 2022 - Nov 2022

- Provided application support for legacy systems
- Designed and automated administrative tasks which needed Data sorting, collection and displaying in a summarized and presentable manner.
- Experience with SSIS and SSRS reports
- **Tech Stack:** C# (.NET), T-SQL, SQL Server, VB.NET

Co-founder, HOOD, <https://tryhood.com/>

May 2020 - Present

- Building a software company that focuses on building product that provides a community to share carpooling routes via cross-platform mobile application.
- Responsible for both **business side** of things like Research, business case development, Finance and **technology side** of the product like project planning, user stories and documentations.
- Leading the company to partnerships with **Microsoft for Startups, Accelerator Centre**, and **Conestoga College**.

PROJECTS

Game as a Service, Conestoga College,

Dec 2021

<https://github.com/Sunraj751/A07-Game-as-a-service>

XAML, C#, Azure, WPF

- A guessing game, with multi-threaded server running as a Windows Service hosted on Azure Virtual Machine.
- Backend used TCP/IP protocol which allowed for communication between multiple clients and 1 server
- Client was built using WPF with a windows service server in C# for external clients to connect.

Transport Management System, Conestoga College,

Oct 2021 - Dec 2021

<https://vimeo.com/745878235>

C#, .NET Framework, WPF, MySQL, XAML, SCRUM

- Was responsible for documentation and implementing parts in backend using C#.
- We used various approaches that are used in industry like:
 - **Scrum (from Agile framework):** i.e., creating backlog and sprint boards (using azure boards and Trello)
 - **Structural UML diagrams:** i.e., Class diagram
 - **Behavioural UML diagrams:** i.e., Sequence diagram, Use case diagram
 - **Database Diagram:** i.e., Schema Diagram

Data analysis

Dec 2022

<https://github.com/Sunraj751/AnalystProjects>

SQL server, Python

- Worked on various data-analysis projects, like Data Exploration. Data cleaning, Data Visualization, Data Correlation

NOTE: Checkout all the projects on my website: https://sunraj751.github.io/Sunraj_Portfolio/

CERTIFICATION

Digital marketing, Google

Nov, 2020

- Credential ID: 9J8P6YN9M

Links

LinkedIn: [linkedin.com/in/sunraj-sharma](https://www.linkedin.com/in/sunraj-sharma)

Github: github.com/Sunraj751

Portfolio Website: https://sunraj751.github.io/Sunraj_Portfolio/