

MANAV PATEL

SOFTWARE ENGINEERING STUDENT

Toronto, ON, Canada | 1-(647)-965-6728 | manav1.patel@ryerson.ca | linkedin.com/in/manavpat | manavpatel.me

EDUCATION

Toronto Metropolitan University (Formerly Ryerson University)

Toronto, ON, Canada

Bachelor of Engineering in Computer Engineering, Software Engineering Specialization

Sept 2019 - May 2024

Relevant Coursework: Software Design and Architecture; Operating Systems; Data Structures and Algorithms; Database Systems; Object-Oriented Design; Software Systems

WORK EXPERIENCE

Software Developer Intern

Sept 2022 – April 2023

Lockheed Martin

Ottawa, ON, Canada

- Worked as a backend developer in an agile environment, iterated over data models and API endpoints while building modular and adaptable code.
- Developed APIs for web technologies using web API frameworks such as ExpressJS and Databases like SQL and NoSQL.
- Designed flexible and scalable data models that can be served with low latency.

Freelance Web Developer

May 2021 – May 2022

Self-Employed

Greater Toronto Area, Canada

- Worked with 3+ entrepreneurs in the Greater Toronto Area, developing and managing websites that included portfolios, blogs, and contact form functionalities.
- Used HTML, CSS, and various JavaScript libraries and Frameworks, with Visual Studio Code.

PROJECTS

Team8 | React Native, AWS Amplify

July 2022 - Present

- Building a cross-platform (iOS and Android) app inspired by Tinder, that allows users to create an account, and find and chat with other local users for sporting or gaming events using React Native and AWS Amplify

Online Shopping Store | Java, MySQL, Tomcat, REST API, Google Cloud, Kubernetes, Software Design Course March 2022

- Designed and developed an online shopping store web application that maintains items on sale by the seller, allows users to sell and buy items, search for items, and hold items in a shopping cart

Movie Store DBMS | Oracle SQL Developer, JavaScript, HTML, CSS, DBMS Course

November 2021

- Developed a management system for a Movie Store that stores, searches, and rents out movies and TV shows
- Designed an ER model and translated the model to a relational schema

To-Do List Web App | Python, Django Framework, HTML

July 2021

- Created a local web application using Python, Django framework, and HTML, with User Registration, Login, Search and full Create, Read, Update, and Delete functionality

Book Store Application | Java, JavaFx, Junit, OOP Course

March 2021

- Designed a bookstore application with a transaction system using Java to simulate the standard functions of a bookstore
- Created a GUI that supports actions such as creating an account, adding books, purchasing, manager view, etc.
- Implemented object-oriented programming practices such as inheritance polymorphism, etc.

TECHNICAL SKILLS

Languages: Java, C/C++, Python, JavaScript, SQL, HTML, CSS, MATLAB, VHDL, C#

Technologies: JUnit, Express, MongoDB, MySQL, Django

Developer Tools: Visual Studio, Eclipse, Git, Oracle, AWS, Google Cloud, Jupyter, Apache Tomcat, Docker, Kubernetes, Jira

Operating Systems: Windows, macOS, Linux

EXTRACURRICULARS

Certifications: Python Bootcamp (Udemy); Beginning C++ Programming (Udemy); Machine Learning, Data Science and Deep Learning with Python (Udemy)