HARSH PATEL

# Software Developer | Web Developer

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# EDUCATION COMPUTER PROGRAMMING January 2023 – August 2024

**Seneca Polytechnic, Toronto, ON**

* CGPA: 3.8/4.0 with 4/4 GPA in 3rdSemester [**President Honor List**]

# TECHNICAL SKILLS

* **Programming Languages:** JavaScript(ES6+), C, C++ (OOP), Python (DSA), HTML
* **Web Technologies:** NodeJS, ExpressJS, React, NextJS, RestAPI, Redux , JWT, Git, GitHub, JSON, JQuery.
* **Database Management:** Oracle, SQL Database, PostgreSQL, ETL, MongoDB, NextAuth.
* **Testing Method:** Jira, Agile methodologies (Scrum/Kanban), Test and Product Design, Software Development Life Cycle(SDLC), Software Testing Life Cycle(Test planning to execution with reports).
* **Application:** Windows, Unix/Linux, VS Code, SQL Server Management Studio, Visual Paradigm, Discord.

**EXPERIENCE** **SUPERVISOR / TEAM LEAD**  **April 2023-Present**

**Subway at SickKids Hospital, Part-time, Toronto, ON**

## Led a team of 7, serving 2,450 customers weekly with a 98% satisfaction rate: revamped team problem solving efficiency by 20%.

## Reduced wait times by 14% during peak hours and resolved 15-20 weekly complaints with empathy.

## Managed inventory with 98.55% accuracy, optimizing supply orders and reducing waste by 82%.

## JUNIOR WEB DEVELOPER 2021– 2022

**Mikkaso Corporation, Contract, India**

* Composed customer-focused interfaces utilizing HTML, CSS3, and JavaScript frameworks, boosting user satisfaction metrics by 30% through intuitive design and seamless navigation experiences.
* Created mock designs and wireframes for **3 new products** landing page, complete with documentation.
* **Improved** **data handling efficiency by 19%** through React components.
* Conducted unit testing and functional debugging, **eliminating bugs by 86%** within the SDLC.
* Designed web applications with Next.js, **enhancing user interface convenience.**

**PROJECTS**

***</>SenecaCode (Tech Stack:*** *React, Next.js, Node.js, MongoDB, NextAuth, Jira****) [***[***GitHub***](https://github.com/Harshp258/Seneca-Software-Club-master)***] [***[***Preview***](https://seneca-software-club-master.vercel.app/)***]***

* Delivered a full-stack web application for **40-50 developers**, within 4 days of timeframe for Hackathon.
* Integrated NextAuth for secure authentication, **minimizing page load times by 48%.**
* Elevated performance with 12% and **resolved all bugs** and routes validated through **Postman testing**.

***Museum Art Explorer******(Tech Stack:*** *React, Next.js, Node.js, MongoDB, RestAPI, Git****) [***[***GitHub***](https://github.com/Harshp258/Museum--Art-Explorer)***] [***[***Preview***](https://museum-art-explorer.vercel.app/)***]***

* Created a MERN stack application connecting users to global museum collections.
* Implemented an **Advanced Search feature**, raised performance by 54%, **tested with ThunderClient**.
* Increased user engagement through **efficient data fetching** and **state management**.

***LegoSets Collection (Tech Stack:*** *Node.js, Express.js, MongoDB, PostgreSQL****) [***[***GitHub***](https://github.com/Harshp258/LegoSets-Collection)***] [***[***Preview***](https://assignment-2-ehpm.onrender.com/)***]***

* Developed a full-stack application for managing Lego sets with CRUD operations.
* Enhanced inventory management efficiency by 18% for users **managing up to 1,000 sets**.
* Improved user experience by resolving bugs using **STLC methodologies**.

***School Management System******(Tech Stack:*** *C++, Oracle SQL****) [***[***GitHub***](https://github.com/SrushtiPatel1/Database-Management-Project)***]***

* Led a team to create a Student-Faculty Management System for **100 users.**
* **Boosted query efficiency by 37%**, enhancing administrative task performance.
* Ensured security measures for **data integrity and confidentiality.**

# CERTIFICATION 1. Learn to Program: The Fundamentals 2. Programming for All (Getting started with Python) University of Toronto (Coursera) University of Michigan (Coursera)