

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 3rd Semester [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 25% during peak hours** and resolved 15-20 weekly complaints with empathy.
- Maintaining inventory with **99% accuracy**, optimizing supply orders and **reducing waste by 10%**.

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 15%** through React components.
- Conducted unit testing and functional debugging, **reducing bugs by 20%** within the SDLC.
- Designed web applications with Next.js, **enhancing user interface convenience by 25%**.

PROJECTS

</>SenecaCode (Tech Stack: React, Next.js, Node.js, MongoDB, NextAuth, Jira) [\[GitHub\]](#) [\[Preview\]](#)

- Delivered a full-stack web application for **40-50 developers**, within 4 days of timeframe.
- Integrated NextAuth for secure authentication, **reducing page load times by 30%**.
- Boosted performance by 25% and **resolved all bugs**, validated through **Postman testing**.

Museum Art Explorer (Tech Stack: React, Next.js, Node.js, MongoDB, RestAPI, Git) [\[GitHub\]](#) [\[Preview\]](#)

- Constructed a MERN stack application connecting users to global museum collections.
- Implemented an **Advanced Search feature**, boosting performance by 20%, **tested with ThunderClient**.
- Increased user engagement by 15% through **efficient data fetching** and state management.

LegoSets Collection (Tech Stack: Node.js, Express.js, MongoDB, PostgreSQL) [\[GitHub\]](#) [\[Preview\]](#)

- Developed a full-stack application for managing Lego sets with CRUD operations.
- Improved inventory management efficiency by 25% for users **managing up to 1,000 sets**.
- Improved user experience by resolving bugs using **STLC methodologies** and **Test Case analysis**.

School Management System (Tech Stack: C++, Oracle SQL) [\[GitHub\]](#)

- Led a team to create a Student-Faculty Management **System for 100 users**.
- Boosted query efficiency by 30%**, enhancing administrative task performance.
- Implemented security measures to **ensure data integrity and confidentiality**.

CERTIFICATION

1. Learn to Program: The Fundamentals
University of Toronto (Coursera)

2. Programming for All (Getting started with Python)
University of Michigan (Coursera)