HARSH PATEL

# Software Developer | Web Developer

****[**harsh.patel8928@gmail.com**](mailto:harsh.patel8928@gmail.com) **** [**linkedin.com/in/harshpatel258/**](https://www.linkedin.com/in/HarshPatel258/) **** [**patel-harsh.vercel.app**](https://patel-harsh.vercel.app/) ** (437)-988 2583**

# 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**

## Analyzed existing processes and identified bottlenecks, implementing targeted solutions that boosted task completion rates by 25%, while also fostering a culture of continuous improvement within the team.

## Resolved 15-20 weekly customer complaints with compassion and professionalism, maintaining a 98% satisfaction rate among customers.

## Optimized inventory management with 98.55% accuracy, leading to an 82% reduction in waste and more efficient supply orders.

## JUNIOR WEB DEVELOPER 2021– 2022

**Mikkaso Corporation, Contract, India**

* Developed interactive web applications using Next.js, resulting in a 30% increase in user satisfaction metrics through intuitive design and seamless navigation experiences.
* Created mock designs and wireframes for 3 new products landing page, complete with detailed documentation to guide development teams.
* Enhanced data handling efficiency by 19% by implementing efficient components for improved performance.

**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/)***]***

* Developed and executed a comprehensive project plan to deliver a full-stack web application for 50 developers within a **tight 4-day timeframe**, surpassing expectations at the **Hackathon event**.
* Implemented advanced security measures by integrating **NextAuth** for authentication, resulting in a significant **reduction of page load times by an impressive 42%**.
* Achieved optimal performance levels by **resolving all bugs** and **validating routes** through rigorous **Postman testing**, resulting in a **12% increase in overall performance metrics**.

***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/)***]***

* Implemented a personalized recommendation algorithm, boosting **user retention by 33%**.
* Deployed a **mobile-responsive design** for the app, resulting in a 60% increase in user accessibility and engagement.
* Utilized React Context **userAPI** to streamline data fetching process, reducing load times by 1/3rd, verified through performance monitoring tools **(LightHouse).**

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

* Streamlined automated **CRUD operations**, resulting in a **82% increase in user productivity**.
* Enhanced application performance by optimizing database queries, reducing buffer times by 30% for users with large Lego sets collections.
* Collaborated with **cross-functional teams** to conduct user testing and gathered feedback for iterative improvements, resulting in a **65% increase in user satisfaction.**

***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.**