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 14% during peak hour**s 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] [Preview]
- 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] [Preview]
- 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] [Preview]
- 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]
- 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)