Harsh Dugar

Toronto, ON | (226)-883-2296|
linkedin/in/harsh-dugar-81018224b
harshdugar1234@gmail.com

SUMMARY

Motivated by passion for problem-solving and a strong foundation in software development, I am eager to bring my creativity and technical proficiency to a dynamic co-op role.

SKILLS

Programming Languages: C++, Python, C
Databases: Oracle, MySQL, MongoDB, PostgreSQL, AWS
Web Technologies: HTML, CSS, JavaScript, Express.js, Node.js
Cloud Computing: Amazon Web Services (AWS)
Technical Skills: Agile methodology, SDLC, Jira, Unix/Linux, Troubleshooting, Object-Oriented Programming

EDUCATION

Seneca College, Toronto, ON   *Expected July 2025*
Advanced Diploma in Computer Programming and Analysis   *Cumulative GPA – 3.3*

ACADEMIC PROJECTS

Lego Shopping Website – Web Development Project

- Developed a Node.js web application for managing Lego sets, integrating user authentication, database operations, and dynamic content rendering.
- Implemented backend functionalities in Node.js and Express.js for data processing and user requests.
- Integrated MongoDB and PostgreSQL databases to optimize data management, combining the strengths of NoSQL and SQL for a robust and scalable backend.
- Utilized dynamic routing in Express.js to create dynamic routes for displaying individual Lego sets, contributing to a seamless and dynamic user interface.
- **Technologies**: Node.js, Express.js, Sequelize, PostgreSQL, MongoDB, Tailwind CSS.

Delivery Management System - Software Testing project

- Developed and executed comprehensive test strategies for optimizing a Delivery Management System.
- Employed Agile methodology with Jira and Kanban for collaborative project management.
- Created diverse test cases (Unit, acceptance, integration) for holistic evaluation.
- Demonstrated strong teamwork to achieve project goals.
- **Technologies**: Jira, VS 2022, GitHub, Git

Library Management System – C++ using Object Oriented Programming

- Led the design and development of a C++ Library Management System with a focus on Object-Oriented Programming.
- Maintained high coding standards and best practices for codebase quality.
- Integrated advanced OOP concepts like templates and virtual functions for system enhancement.
- Applied inheritance and polymorphism, fostering code reuse and flexibility within the Library Management System, resulting in a dynamic and adaptable software solution.
- **Technologies**: C++, Oracle

Certifications:

- C++ Programming Beginner to Beyond (Udemy, Jan 2024)
- AICSM Python Programing (Govt. of India, Sept 2022)