Jainam Patel

[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

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SUMMARY

A motivated and team-oriented **Software Engineering Technology** student with strength in **web development**, programming (**Java, C#, Python**), and front-end technologies such as **Bootstrap, CSS, HTML**. Experienced in creating responsive websites and applying **Agile** and **Scrum methodologies**. Eager to deliver innovative and high-quality software solutions. Strong **critical thinking** and reasoning skills used for testing, **debugging** and error resolution, ensuring software quality.

TECHNICAL SKILLS

Languages: Java, C#, Python, JavaScript, SQL, HTML, CSS, C programming, C++
Technologies/Frameworks: Bootstrap, Linux (Ubuntu), Git, GitHub, JQuery
Tools: GitHub, Jira, Visual Studio Code, Visio, MS Office
Other: Agile methodology, Scrum framework, OOP, debugging & QA practices

PROJECTS

Live Aquarium - MERN Stack (MongoDB, Express.js, React, Node.js) ([live-aquaria](#))
- **Backend Development**: Designed and implemented RESTful APIs using Node.js and Express.js for efficient data handling and integration.
- **Database Management**: Utilized MongoDB to store and manage dynamic aquarium data, including fish types, and user detail.
- **Frontend Development**: Developed an interactive and user-friendly interface using React to simulate real-time aquarium dynamics.
- **Collaboration:** Worked in an Agile team, managing tasks using GitHub for version control and ensuring seamless collaboration across developers.

Web Design Project - JavaScript, HTML, CSS
- Developed a fully responsive and functional marketing website, with a user-oriented interface
- Created pages including a home page, login page, contact area and sitemap

Game Design - Simon Game
- **Game Logic:** Designed and implemented game functionality, including sequences & user progression
- **DOM Manipulation (jQuery/JavaScript):** Efficiently selected and manipulated HTML elements for dynamic user interaction
- Resolved issues, performed debugging and optimized game performance to improve functionality
- Managed user input with keypress and click events to control game logic

Software Requirements Specification Document - Parking Space Finder Mobile App
- Worked collaboratively in an Agile team to develop an SRS document for Parking Space Finder, an app designed to help users locate and reserve available parking spots.
- Led the creation of detailed UML diagrams, including use case, class, and sequence diagrams, to illustrate system design and interactions.

Student Management Database - SQL
- Developed a database for managing student records, grades, and attendance for educational institutions.
- Conducted testing to validate integrity and system performance.
- Ensured timely delivery of project milestones and client requirements.

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EDUCATION

Software Engineering Technology - Artificial Intelligence Advanced Diploma   Sept. 2023 - Present

Centennial College, Toronto, ON   GPA: 4.26/4.5 (A)

Focus Areas: Web Development | Databases (SQL) | C# | Java | Software System Design | Linux/Unix |Client-Side Development (JavaScript) | Machine Learning Foundations | Interface Design

EXTRA-CURRICULAR ACTIVITIES

2nd Place -Hackathon Participant | Centennial College - WIMTACH, Toronto, ON   Jan. 2024

- Collaborated in a team to develop an innovative technology product solution in collaboration with industry partner Joni, that supports users with the management of menstrual camps
- Created a health tracking platform focused on period pain management, integrating real-time data sharing and personalized healthcare solutions.
- Applied Agile methodology to ensure efficient development cycles and continuous user feedback for improved functionality.
- Integrated wearable technology with heat sensors and messaging features to provide real-time monitoring and relief for menstrual pain.

WORK EXPERIENCE

Cook | Cogir Senior Living, Toronto, ON   Jan. 2024 - Present

- Perform food preparation (chopping, seasoning and cooking), demonstrating strong detail-orientation, time management and achieving quality standards as per recipes provided
- Maintain attentive to dietary/food preparation restrictions of residents, preparing with safety and care
- Assist with inventory management, including monitoring and reporting lower stock levels
- Adhere to all safe food handling and storing processes and procedures
- Prepare large services in a timely and efficient manner within a collaborative setting