

Sheel Patel

sheelpatel5252@gmail.com | [GitHub](#) | [LinkedIn](#)

Skills

Languages: Python | Java | XML | HTML | CSS | JavaScript | C | C++ | Lisp | Jupyter Notebook | Bash | Kotlin

Libraries/Tools: Three.js | GLTFLoader | OrbitControls | YUKA | WebGL | numpy | OpenCV | Visual Studio | GIT | Github | Pandas

Soft Skills: Communication | Problem-Solving | Teamwork | Leadership | Adaptability | Customer Service | Attention to Detail | Time Management | Project Management | Critical Thinker | Organization | Ethics Decision-Making | Self-Learning

Personal Projects

Personal 3D Portfolio -> <https://sheel-portfolio.netlify.app/>

07/2023

- Developed an interactive 3D web animation using Three.js, featuring a dynamic space scene with rotating planets. Utilized Three.js, JavaScript, HTML, CSS, GLTFLoader, OrbitControls, YUKA, and WebGL for an engaging web experience.
- Implemented user interaction by making certain elements clickable, enabling actions such as downloading a resume.

TaskTonic -> <https://tasktonic.netlify.app/>

03/2023

- Developed a task management web app with drag-and-drop functionality, boosting user productivity by 40%. Used HTML, CSS, JavaScript, and Local Storage.
- This project enables easy task creation, editing, and categorization for efficient to-do list management, enhancing the user experience with interactive drag-and-drop functionality.

Minesweeper

2021

- Built a Minesweeper Android app with Java and Android Studio, showcasing expertise in gameplay, user interface design, customization, and user feedback.
 - The app features a flagging mechanism, informative dialogues, and in-game instructions to enhance the user experience.
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Work Experience

Lifeguard

5/2023 to 09/2023

Canada's Wonderland, Vaughan, ON

- Demonstrated exceptional communication and problem-solving skills by monitoring pool areas and promptly responding to any safety concerns or emergencies.
- Employed strong teamwork abilities by collaborating with fellow lifeguards and pool staff to ensure a safe and enjoyable environment for all patrons.
- Utilized adaptability by staying composed under pressure, administering first aid, and performing CPR when required to ensure the safety and well-being of pool visitors.

Automotive Mechanic

07/2019 to 08/2021

Exxon, Kendall Park, NJ

- Proficient in meticulous vehicle inspections, applying diagnostics and troubleshooting for issue identification
- customer-focused with precision and attention to detail, ensuring vehicle safety and reliability.

Team Manager

10/2019 to 10/2021

Liberal Party of Canada (Youth Council), Brampton, ON

- Led and motivated volunteer teams, fostering collaboration and resolving conflicts while effectively communicating party goals and optimizing schedules for successful project completion.
 - Demonstrated flexibility in response to changing circumstances, efficiently addressing challenges and finding practical solutions to ensure campaign success.
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Education and Awards

Toronto Metropolitan University (Ryerson University), Toronto, ON

Bachelor of Science (BSc), Computer Science (Co-op), Expected in 04/2027 | CGPA: 3.77

Courses: Computer Science I & II (Python & Java), Data Structures, Computer Organization I & II, Introduction to Robotics

Awards: Python Certification | Java Certification | Bronze Medallion | First Aid (CPR C)

Clubs: Metropolitan Open Source Society (MOSS), VP Operations, 4/2023 - Present

Practical Applications of Computer Science (PACS), VP Events, 9/2023 - Present