Pareesh Madan

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SKILLS

- **Languages:** Java, JavaScript, Python, C, C++
- **Technologies:** Docker, Git, GCP, SQL

PROJECTS

Personal Portfolio Website ❖ pmadan.com
- Utilized HTML, CSS, and JavaScript to implement responsive design principles to ensure optimal viewing across various devices, enhancing accessibility and user engagement
- Integrated dynamic elements using JavaScript to create interactive features, elevating the overall user interactivity and functionality of the portfolio

Pathfinding Visualizer ❖ github
- Utilized Java to create a JAR application visualizing algorithms A*, Depth first search, and Breadth first search
- Designed an intuitive user experience with features such as start and end point placement, obstacle creation, and algorithm selection, allowing users to customize and experiment with different scenarios
- Applied object-oriented design principles to create modular and extensible code, allowing for easy integration of new algorithms and features in future updates

Pokemon Team Builder ❖ pkmnteambuilder
- Utilized HTML, CSS, JavasScript, and Python (Flask) to integrate dynamic features, allowing users to easily select, customize, and visualize their Pokemon teams in real-time
- Incorporated API integration and a Database for retrieving and displaying detailed information about Pokemon types, providing users with comprehensive data for informed decision-making

Zelda Reimagined Game ❖ github
- Designed a Zelda-inspired game using Python/Pygame, showcasing programming and game development skills
- Utilized Pygame's features to handle graphics and input events which enhanced the visual aspects of the game
- Implemented game mechanics, including character movement and combat systems

WORK EXPERIENCE

Dominos Pizza   **July 2021 – August 2022**
Customer Service Representative   Guelph, ON
- Key role fostering a collaborative/efficient work environment, actively participating in team training initiatives
- Adeptly assisted customers with their orders, ensuring a positive and seamless experience

Hindu Society of Guelph   **January 2016 – April 2021**
Volunteer   Guelph, ON
- Leadership role in arranging and conducting various activities for the youth group
- Participated in the organization of larger events, leveraging my organizational skills for smooth execution

EDUCATION

University of Guelph   **September 2023 - Present**
Bachelor of Computer Science (Co-op), Business Data Analytics Minor   Guelph, ON
- 89% GPA
- Relevant Courses: Discrete Structures, Intermediate Programming, Linear Algebra