Tasmmai Parekh

+91 8779442641 | tasmmaiparekh@gmail.com | LinkedIn | GitHub | Mumbai, India

EDUCATION

B. Tech in Electronics and Telecommunication Engineering with Honors in AIML , DJSCE   **8.6 /10** | 2024 - Present

PROJECTS

Research Paper Explorer
- Architected and developed a robust backend that seamlessly integrated Open Alex API.
- Engineered a backend data normalization layer in Node.js to standardize and unify data from Open Alex API into a consistent schema for the frontend.
- Tech Stack: HTML , CSS, JavaScript, Node.js, Express.js

Simon Memory Game
- Developed the complete game logic for a web-based Simon game using JavaScript and jQuery, including sequence generation and user input validation.
- Engineered an interactive UI with dynamic CSS animations and audio feedback to create an engaging and responsive user experience.
- Managed all game states (start, user turn, game over) and handled DOM manipulation to provide real-time feedback to the player.
- Tech Stack: HTML , CSS, JavaScript, jQuery

Interactive Web Drum Machine
- Developed an interactive drum kit with vanilla JavaScript, mapping both keyboard and mouse events to trigger audio playback using the HTML5 Audio API.
- Implemented dynamic visual feedback by manipulating the DOM to apply CSS3 animations in real-time response to user input.
- Engineered the front-end application by focusing on core JavaScript concepts like event listeners and functions to create a responsive user experience.
- Tech Stack: HTML, CSS, JavaScript

Clubs and Committees

DJSCE COMPUTE:
- Co-Committee Member for WEB DEVELOPMENT

SKILLS

Programming Languages: C, Java, JavaScript, HTML, CSS
Frameworks: Node.js, Express.js, Bootstrap
Libraries: jQuery
Tools: Git, Github

ACHIEVEMENTS

- Secured one of 16 coveted Web Development positions at DJS Compute Club from a highly competitive pool of over 250 applicants.