Kaushik Bhowmick

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EDUCATION

National Institute of Technology ,Silchar **2023 –Present**
BTECH in Electronics and Communication Engineering. *Silchar,Assam.*
Lumding College ,Lumding **2021 –2023**
Higher Secondary. *Lumding,Assam.*
Saraswati Gurukul High School ,Lumding **2011 –2021**
High School. *Lumding,Assam*

PROJECTS

Rock Paper Scissors Game | *HTML,CSS,JavaScript* **2024**
- **Game Design and Development:** Developed a dynamic Rock, Paper, Scissors game using HTML, CSS, and JavaScript, allowing users to select their choices while the computer generates its own.
- **Round-based Gameplay:** Implemented a five-round structure that tracks user and computer scores, determining the winner at the end of the rounds.
- **Interactive UI and Feedback:** Created an engaging user interface with real-time score updates and a final result display, enhancing the overall user experience.
- **Scoreboard Implementation:** Designed and integrated a scoreboard to keep track of the ongoing scores, providing players with immediate visual feedback on their performance.
- **Error Handling and Validation:** Implemented error handling to manage unexpected inputs or issues, ensuring the game operates smoothly under various conditions.
- **Game Reset Functionality:** Developed a reset feature that allows players to start a new game or restart the current session without refreshing the page, maintaining a smooth and continuous user experience.

Audiophile | *HTML,CSS and JavaScript* **2024**
- **Developed "Audiophile":** Led the development of a comprehensive web application named "Audiophile," utilizing JavaScript, HTML, and CSS to create a platform where users can discover and listen to a wide range of audiobooks. This project involved the full-stack development of the application, from front-end design to back-end integration, ensuring that the app functions smoothly across different devices and browsers.
- **Creative User Interface:** Crafted a visually appealing and highly functional user interface, focusing on enhancing the user experience. The design emphasizes ease of navigation, with clear layouts, intuitive controls, and aesthetically pleasing elements that guide users seamlessly through the app. The interface was developed with the target audience in mind, ensuring that users of all ages and technical proficiencies could easily engage with the content.
- **Free Trial Options:** Implemented a feature that allows users to listen to a sample of audiobooks before making a commitment. This trial feature was designed to attract users by offering them a risk-free opportunity to explore the content, thereby increasing user retention and conversion rates. The trial functionality includes customizable settings, enabling users to select different lengths of previews or try different titles.
- **Audio Player Integration:** Integrated a custom-built audio player that offers controls such as play, pause, rewind, and fast-forward. The player is designed for seamless playback, with features like a progress bar, volume control, and playback speed adjustment. The player's interface is clean and unobtrusive, allowing users to focus on their listening experience while still having full control over the playback.

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS.
Developer Tools: VS Code