MD AFTAB ALAM

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TECHNICAL SKILLS

Languages	:	C, C++, JavaScript, Tailwindcss, HTML, CSS
Frameworks	:	React.js, Bootstrap
Databases	:	MySQL, SQL
APIs	:	EmailJS, REST APIs, IMDb API, Unsplash API
Dev Tools	:	Visual Studio Code, Git, Gitlab, CodePen

PROJECTS

Project1 : NoteWriter   *React.js, JavaScript, CSS, HTML, Material Design*   Source Code

* Built a note-taking application with **React.js**, showcasing proficiency in functional component architecture.
* Applied **Material-UI (MUI)** to design modern, responsive UI elements, including **Fab**, **Zoom**, and various **Icon** components such as **AddIcon**, **HighlightIcon**, and **DeleteIcon**.
* Utilized **React hooks** (**useState**) for effective state management and event handling .
* Constructed reusable components (**CreateArea**, **Note**, **Header**, **Footer**) to ensure clean code architecture and improve maintainability.

Project2: Tic-Tac-Toe Game   *HTML , CSS ,JavaScript*   Source Code

* Developed a user interface featuring a 3x3 grid layout and interactive buttons using **HTML** and **CSS**.
* Crafted intricate game logic algorithms in **JavaScript** to methodically manage turns and validate winning scenarios, and handle game resets.
* Managed game cell interactions, displayed the winner, and provided reset functionality.

Project 3: Image Search App   *HTML, CSS, JavaScript , API*   Source Code

* Designed a user interface for image searching with a responsive layout using **HTML** and **CSS**.
* Integrated the **Unsplash API** to fetch and display images based on user search queries, utilizing **JavaScript** for content management.
* Created a search feature and pagination to load more results, providing a seamless user experience.

Project 4: Movie Guide App   *HTML, CSS, JavaScript , API*   Source Code

* Engineered a solution for retrieving movie data from the **OMDb API** using **JavaScript**, handling both successful responses and errors.
* Assembled elements to display movie details such as title, rating, genre, release date, runtime, cast, and plot, along with a poster image.
* Ensured responsive design with media queries for different screen sizes, improving user experience across devices.

EDUCATION

SRM Institute of Science and Technology   Delhi NCR - Ghaziabad,Up, India
Computer Science Engineering [CGPA 8.99]   *September 2021 – July 2025*

C.M.SC.COLLEGE   Darbhanga,Bihar, India
XII [80.4]   *May 2018 – April 2019*

G J L S HIGH SCHOOL KHIRMA PATHRA   Darbhanga,Bihar, India
X [72.8]   *April 2016 – June 2017*

Extra-Curricular Activities

- **GeeksforGeeks NCR Chapter, SRM University** — Core Member (Tech Team)

Achievements

- **Robo-Race Winner** — Secured 3rd place in the Robo-Race competition with a robot equipped with custom AI algorithms, which processed real-time data from the environment and enhanced decision-making capabilities for improved performance.

Certifications

- Web Development Course Completion Certificate : By Udemy
- NPTEL: Data Base Management Course Completion Certificate
- NPTEL: Data Mining Course Completion Certificate