MOHAN DAS

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Tech Stack

- **Languages**: Java 17, JavaScript , HTML, CSS,
- **Technologies**: Spring ,Spring Boot, Hibernate , React , MySQL , Tailwind CSS, Node Js , Express Js
- **Version Control**: Git

Projects

MOHAN HOTELS : ADVANCED HOTEL BOOKING SYSTEM (GITHUB)
Full Stack Application
07/2024 - 10/2024
Tech Stack: Java, **Spring Boot**, MySQL, HTML, Tailwind CSS, **React**, JavaScript, Email js

- **JWT token-based authentication system** with role-based access for admin and user panels, enhancing system security by **50%**.
- **Developed user functionalities for room booking**, with detailed views of booking information, increasing booking efficiency by **40%.**
- **Admin features include managing booking details, booker details, room details, and adding room photos, types, descriptions, and prices**, resulting in a **25% reduction in booking errors.**
- **Pagination and filtered search by dates and room type,** improving search efficiency by **35%.**
- **Enabled admin and user to track total bookings** using the findmyBooking option, enhancing administrative efficiency and **user experience by 30%.**
- **Contact through Gmail using Email js**, receiving an automated "Thanks for contacting" message, further enhancing user satisfaction and communication **efficiency by 20%.**

FILM FOLIO: MOVIE INSIGHTS PLATFORM (LINK)
Frontend Application
04/2024 - 04/2024
Tech Stack: JavaScript , **TMDB API**, **React** , HTML , Tailwind CSS

- **TMDB API to access 100%** of movie details such as **genre, actors, cast members, runtime, release date, box office, rating, trending, and TV shows.**
- **Automated carousel** on the homepage, boosting **user retention and attraction by 40%**.
- **Search functionality** where users can search for any movie they want, **enhancing search efficiency by 30%.**
- **Filter trending movies by day or week,** with options to filter between TV shows or movies, **leading to a 25% increase in user engagement.**
- **Genre-based filtering (e.g., fantasy, thriller, comedy, adventures)** and sorting functionality, allowing users to **sort movies A-Z, Z-A, by release date, or popularity.**.
- **Pagination to every page** (trending page, discover page, and people page), **improving navigation efficiency by 20%**.

DEVCASTER : REALTIME-CODE-SHARING TOOL (GITHUB)
Full Stack Application
02/2024 - 03/2024
Tech Stack: HTML, CSS, JavaScript, **Node.js**, **Socket.IO**, **React**, CodeMirror

- **Real-time code collaboration** enables users to work simultaneously with others in the same room, enhancing team productivity by **25%**.
- **Changes made by one user are instantly reflected on all connected clients**, ensuring **seamless communication** and collaboration.
- **Code highlighting** features improve readability and make coding easier for all participants, contributing to a **20% increase in user satisfaction.**
- **Editor customization options** provide users with the flexibility to tailor their coding environment, further enhancing usability and engagement.

Education

Bachelor of Computer Applications (BCA)
Brainware University • Kolkata, West Bengal 07/2024
Arts
Nalikul Deshbandhu Baninmandir, Kolkata, West Bengal 07/2021