Mayank Rawat

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Education

JC Bose University of Science and Technology YMCA   June 2025
6.79/10.00 B.Tech CS with Specialization in Data Science   *Faridabad, Haryana*

KCM World School   August 2021
85.4% 12th,Non-Medical   *Palwal, Haryana*

KCM Public School   April 2019
82.2% 10th Standard   *Banchari, Haryana*

Skills

Programming C/C++, Javascript, NPM, ReactJS, NodeJS, ExpressJS, Typescript, MongoDB.

Coursework Object Oriented programming, Data Structure and Algorithm, Operating System, Data Base Managment System.

Tools/ToolKits Git, Github, VS code, Canva, Postman, Firebase, Firestore.

Projects

Collaborative Code Editor | *NodeJS, ExpressJS, ReactJS, Socket.io Link|Code*   November 2024

- Supports multiple users working on a single codebase in real time, enabling seamless team collaboration with synchronized editing which makes the application 100% efficient.
- Displays instant pop-ups when users join or leave the session, ensuring real-time awareness. A live user list on the left panel shows all active participants.
- Users can create private or public coding rooms with unique room IDs or join existing rooms to collaborate on projects, making teamwork efficient and structured with 100% user-friendly interface.
- Includes an integrated compiler that allows users to write, edit, and execute code in multiple programming languages, eliminating the need for external compilers.

myFitness | *ReactJS, NodeJS, ExpressJS Link|Code*   August 2024

- Created and optimized a comprehensive Fitness website targeting sedentary lifestyles with a 100% user friendly interface.
- Integrated an AI powered Chatbot for any kind of user queries with over 90% of accuracy.
- Accessed a library of over 1300 exercises.
- Launched a comprehensive library of YouTube video tutorials to enhance exercise accuracy. Personalized recommendations for exercises targeting similar muscle groups.

Facial Expression | *HTML, CSS, Javascript Link|Code*   June 2024

- Utilized a Javascript library to detect faces and draw bounding boxes around detected faces on the canvas for visual feedback with over 90% accuracy.
- Implement functionality to predict the age and gender of detected faces within 1-2 seconds.
- Recognizes facial expressions such as happiness, sadness, etc. and display their confidence score between 0 to 1 .
- It uses more than 7 pre-defined models to detect the facial expression.

Score Predictor | *Python, Machine Learning, Predictive Modelling Link|Code*   January 2024

- Developed a Streamlit application for predicting final cricket scores using a pre-trained machine learning model which takes around 2-3 seconds to predict the score
- Utilized pickle to load and integrate the model.user input collection for match parameters, including team selection, current score, overs completed, wickets lost, and runs scored in the last 5 overs.
- Designed feature calculations such as balls left, wickets left, and current run rate

Co-curricular

- Actively participated in all activities of the Career and Counseling Cell (YMCA) as a committed member giving my 100%.
- Participated in Sparkathon organised by Wall Mart converge in group of 4.
- Certified in Basic Environmental Engineering and Pollution Abatement from NPTEL.
- Certified in Forests and their Management from NPTEL.