

# MAYANK RAWAT

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## EDUCATION

### JC BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY YMCA

6.79/10.00 B.Tech CS with Specialization in Data Science

June 2025

Faridabad, Haryana

### KCM WORLD SCHOOL

85.4% 12th, Non-Medical

August 2021

Palwal, Haryana

### KCM PUBLIC SCHOOL

82.2% 10th Standard

April 2019

Banchari, Haryana

## SKILLS

**Programming** C, C++, Java, Javascript, Git, NPM, ReactJS, NodeJS, ExpressJS, MongoDB.

**Coursework** Object Oriented programming, Python, Data Structure and Algorithm, Operating System, Data Base Management System.

**Tools/ToolKits** Github, VS code, Canva, Postman

## 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.
- Implemented 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.