



RAM MOHAN PATEL | 21AG30029

AGRICULTURAL AND FOOD ENGINEERING

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EDUCATION:

Year	Degree/Exam	Institute	CGPA/Marks
2026	Dual Degree	IIT Kharagpur	8.58 / 10
2021	Class XII, CBSE	M.L. Convent School, Jalaun	84.8 %
2019	Class X, CBSE	M.L. Convent School, Jalaun	93.2 %

PROJECTS:

Online Book-Store | Stripe | Sanity-CMS | Next.js

[June 2023-July 2023]

- Integrated Stripe payment gateway for secure and convenient transactions.
- Utilized Sanity CMS for efficient content management.
- Designed detailed book description pages for informed decision-making.
- Implemented a diverse range of book categories for easy exploration.
- Link to the live project is [here](#) and the repository is [here](#).

Youtube - Clone | React.js | Rapid API | Material UI

[March 2023-April 2023]

- Developed Clone using Component based architecture and reusable components in React.js
- Used Rapid API and Modern version of Material UI for creating Youtube Clone.
- It contains many custom categories such as New Videos, Educational Videos etc.
- It contains a Search Bar through which we can search for any video of our choice.
- It has a Channel Detail Page with subscriber count.
- During playing of any video it also recommends related videos.
- Link to the live project is [here](#) and the repository is [here](#).

Social-Media | MERN-Stack | Redux | Material UI

[May 2023-June 2023]

- Developed user-friendly responsive social-media web app using MongoDB, Express.js, React.js, Node.js
- Implemented essential functionalities such as Create, Read, Update and Delete operations.
- Utilized React.js to create a dynamic and interactive user interface, providing a seamless experience.
- Users can create, edit and delete the post .
- Utilized Redux for state-management and Material UI for visually appealing user interface.
- Link to the live project is [here](#) and the repository is [here](#).

Weather - App | Node.js

[Dec 2022 - Jan 2023]

- Developed a weather web app using Node.js
- Integrated OpenWeather API to fetch real time weather data.
- Created a user friendly interface to display temperature, date and time based on location.
- Link to the project is [here](#) .

SKILLS AND EXPERTISE:

Programming Languages: C | C++ | Python | HTML | CSS | Javascript

Framework and Libraries: React.js | Node.js | Express.js | MongoDB | Tailwind CSS | SASS | JQuery | Pandas | Tensorflow | Matplotlib | PyTorch | Scikit-Learn | OpenCV | Numpy

COURSEWORK INFORMATION:

- Programming and Data structures | Machine Learning/Deep Learning | Probability and Statistics | Advanced Calculus | Soil Technology | Basic Electronics | Crop Production Technology

CERTIFICATIONS:

- Supervised Machine Learning - Coursera | Foundations of Product Management - Google | C++ Programming - Udemy | Improving Communications Skills - Coursera

POSITIONS OF RESPONSIBILITY:

Secretary | Agricultural Engineering Society, IIT Kharagpur

[Sep 2022 - March 2023]

- Conducted several events such as Hosting Webinars, Orientation Session, Case Study etc.
- Conducted Asia's largest Agri and Food Innovation fest **Prakriti** at IIT Kharagpur.

- Hosted a webinar with the Co-founder and CEO of Dehaat.

Associate Member | Volleyball Association, IIT Kharagpur

[April 2022 - March 2023]

- Designed Posters of many events during my tenure.
- Managed logistics for conducting volleyball tournaments.
- Planned the Volleyball Matches and their schedule.

EXTRA CURRICULAR ACTIVITIES :

- Volleyball Player of National Sports Organization.