

# MOHD RAYYAN

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## EDUCATION

Noida Institute of Engineering & Technology

2022 – 2026

B-Tech - **CGPA: 8.73**

Greater Noida, India

R R SR SEC Public School

2021 – 2022

CBSE - 12th - **Percentage: 92%**

Bijnor, India

## PROJECTS

RayyanEstate | MongoDB, Node.js, React, Express.js, Cloudinary, JWT

- Developed a **full-featured real estate platform** enabling users to explore properties, book visits, and manage preferences seamlessly.
- Implemented **JWT authentication** for secure login, access control, and session management.
- Integrated **Cloudinary** to enhance property listing visuals with smooth image uploads and management.
- Added **favorite and booking features**, allowing users to save properties and view scheduled visits on a dedicated dashboard.
- Designed a **modern, interactive UI** with React, ensuring a seamless and engaging user experience.
- Optimized **API performance** for faster response times and improved database queries in MongoDB.

Sign Language Learner | Python, Flask, TensorFlow, JavaScript

- Built an **AI-powered sign language learning platform** to help **deaf and mute individuals** learn English and Gujarati sign language.
- Developed an intuitive and **responsive UI** using Flask and JavaScript for enhanced user engagement.
- Trained and fine-tuned a **TensorFlow model** for accurate hand gesture recognition.
- Successfully ranked in the **Top 15** of SIH College-Level Hackathon among 100 teams.
- Enhanced accessibility by designing an easy-to-use interface, ensuring inclusivity for non-technical users.

School Management System | React, Express.js, Nodejs, javascript

- Developed a **MERN-based School Management System** to streamline student, teacher, and class administration.
- Implemented **JWT authentication** for role-based access control, securing student, teacher, and admin accounts.
- Optimized **database performance** with MongoDB indexing and structured query execution.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, JavaScript, SQL, CSS, HTML

**Technologies/Frameworks:** MongoDB, ExpressJS, ReactJS, NodeJS, Rest API, Tailwind, Bootstrap

**Coursework:** Computer Networking, Data Structures, Algorithm Analysis, Operating Systems, Database Management System, Object-Oriented Programming

**Mathematics:** Calculus, Discrete Maths, Probability , Linear Algebra

## ACHIEVEMENTS

- Positioned our project **SignLearn** in the **Top 10 teams** among 100 teams in the **SIH College-Level Hackathon**.
- **Led a team** to the **Top 15 teams** in the **NSUT National-Level Hackathon**, demonstrating leadership, strategic problem-solving, and technical expertise in a highly competitive environment.