

SIMRAN ROUT

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Education

HMR Institute of Technology and Management (HMRITM)

Bachelor of Technology in Computer Science

New Delhi, India

Sep 2022 – Sep 2026

Technical And Soft Skills

- **MERN STACK:** HTML, CSS, Tailwind, Bootstrap, EJS, JavaScript, JSON, NodeJs, Express.JS, RestAPI, Postman, Git / GitHub, MongoDB, Mongoose, Reactjs, Next.js, GitBash
- **Developer Tools:** VS Code
- **Other Technologies:** C, C++
- **Soft Skills:** Leadership Skills, Communication Skills, Problem-Solving, Teamwork and Collaboration, Critical Thinking, Time Management

Experience

SMART INDIA HACKATHON

Delhi, India

Web Developer

Aug 2024 – Dec 2024

- Developed a user-friendly AI chatbot leveraging Hugging Face transformers and pychat to provide accurate legal information, enhancing accessibility for users with limited legal knowledge.
- Built a responsive website using Node.js, Express.js, and integrated with MongoDB for seamless data storage and cloud computing capabilities.
- Designed cross-platform mobile applications using Flutter, ensuring compatibility and accessibility for diverse user bases.
- Led a team to create an innovative solution aligned with India's legal system, demonstrating strong leadership, technical, and problem-solving skills.

Prodigy Infotech

New Delhi

Web Developer

1 September 2024 – 1 October

- Developed a Weather API application, integrating real-time weather data using external APIs. - Built a Food App with dynamic UI, responsive design, and user-friendly navigation.
- Applied problem-solving skills to debug and optimize application performance.
- Implemented front-end technologies like React, Bootstrap, and Tailwind CSS to enhance UI/UX.

Projects

Netflix-Clone | HTML, Css

December 2023

- Focused on clean code structure and maintainability following best practices.
- Added hover effects, animations, and transitions for an engaging user experience.
- Implemented flexbox and grid layout for an adaptive, mobile-friendly design .

Adhikar-ai(Website + chatbot)

Aug 2024 – Dec 2024

- Developed an AI chatbot to provide instant and accurate responses to legal queries, improving access to legal knowledge.
- Built cross-platform applications using modern technologies, ensuring accessibility across mobile and web platforms.
- Integrated advanced data handling and analysis tools, enabling efficient management and interpretation of legal documents.
- Guided and approved by AICTE and Ministry of Power of India.

Weather Forecast | HTML, CSS, JavaScript, open weather API

Mar 2023

- A weather-forecast web app which takes location from the user and Shows real-time weather data of that location.
- Background images and icons change automatically according to the weather data.
- Integrating open weather API, API scopes, and endpoints to access different types of weather data and further operations done on it.

Food landing Page | HTML, CSS

oct 2024

- Developed a responsive and visually appealing landing page for a food-related website.
- Integrated interactive elements such as a menu showcase, customer testimonials, and CTA buttons.
- Optimized performance by minimizing load time and improving accessibility.
- Implemented an intuitive UI/UX with smooth animations and modern design principles.