Riya Dwivedi

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PROFILE SUMMARY

An innovative Computer Science Engineering student with hands-on experience in full-stack web development. Skilled in building responsive and dynamic web applications using **HTML, CSS, JavaScript and React.js** for frontend, and **Node.js, MongoDB, and RESTful APIs** for backend. Passionate about creating seamless user experiences and continuously learning emerging web technologies to build modern, efficient solutions.

SKILLS

- **Languages:** C++, Python, JavaScript
- **Frontend:** HTML, CSS, JavaScript, React.js
- **Backend:** Node.js, RESTful APIs
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, VS Code, Jupyter Notebook, Canva, Oracle
- **CS Fundamentals:** Data Structure and Algorithm, OOPs, DBMS, Computer Networks, Operating System

EDUCATION

- **Pranveer Singh Institute of Technology, Kanpur**   **Dec 2022 – Present**
  Bachelor of Technology, Computer Science and Engineering (Artificial Intelligence)
  CGPA (till 5th semester)- 6.0
- **K.K.D.M Public School, Class 12th**   **Mar 2021 – Apr 2022**
  UP Board 12th – 70 %
- **K.K.D.M Public School, Class 10th**   **Mar 2019 – Apr 2020**
  UP Board 10th – 82.5 %

EXPERIENCE

Frontend Developer Intern | Softnix Infotech | Remote   **Sept 2025 – Present**

- Developing user onboarding, search, and communication modules for a **job platform** using **React.js** and **Node.js**.
- Creating reusable UI components and integrating **REST APIs** for authentication and messaging.
- Using **Firebase** and **cloud services** to make the application scalable and efficient.

PROJECTS

Weather App (Link)

- Developed a responsive website using **HTML, CSS**, and **JavaScript** to fetch and display real-time weather data.
- Integrated the **OpenWeather API** to provide temperature, humidity, and weather condition details based on user input.
- Implemented dynamic **DOM** updates and error handling for invalid locations to enhance user experience.

Emotion-Based Movie Recommendation System (Link)

- Developed a full-stack **AI-powered** movie recommendation web application that detects user emotions through facial expressions using **DeepFace** and suggests Bollywood and Hollywood movies in real time via the **TMDB API**.
- The backend was built using **FastAPI** for scalability and modular architecture, while the frontend was developed with **React** and **Tailwind CSS** to ensure a sleek, responsive UI.
- The system intelligently maps detected emotions such as happy, sad, and angry to relevant movie genres, providing a personalized viewing experience.

CERTIFICATIONS

- Data Analytics and Visualization Job Simulation from Accenture. (Link)
- JavaScript from Infosys Springboard. (Link)
- Object Oriented Programming Using Python from Infosys Springboard. (Link)
- CSS 3 from Infosys Springboard. (Link)
- Work with Components in Figma from Coursera. (Link)