Sahil Kumar Ray

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EDUCATION

Noida Institute of Engineering and Technology — Greater Noida
Bachelor of Technology in Computer Science with Specialization in Internet of Things — *July. 2022 - July 2026*
GPA: 7.5 (4th Sem)

Indira Ideal School — Delhi, India
Class-XII CBSE Board: 82percent — *July 2022*

PROJECTS

Readily | *React, Redux, MongoDB, NodeJS, JavaScript, TailwindCSS, Git*   Link
- Full-stack bookstore application showcasing dynamic book management and user interaction.
- Built using React for a highly responsive and dynamic user interface.
- Redux implemented for efficient state management, ensuring seamless data flow across components.
- Backend powered by Node.js and MongoDB, enabling seamless CRUD operations through RESTful APIs.
- Deployed on Vercel, ensuring fast and reliable global accessibility.

Portfolio Website | *NextJS, Tailwind, TypeScript, React, CSS, Git*   Link
- Modular structure leveraging reusable components for streamlined development and maintenance.
- Utilizes SWR (stale-while-revalidate) for efficient data fetching and caching.
- Incorporates real-time API calls to fetch dynamic content and data.
- Developed with Next.js and hosted on Vercel, ensuring fast performance and easy deployment for a smooth user experience.

Weather App | *React, Tailwind, Rest API, JavaScript, HTML, CSS, Git*   Link
- Developed a web application serving a REST API with React as the frontend
- Integrated the OpenWeatherMap API to fetch real-time weather data based on user input.
- Implemented robust error handling with Axios and react-toastify for better user experience
- Designed a mobile-friendly interface using Tailwind CSS, ensuring the application is accessible and visually appealing across various device sizes

Todo-App | *React, Tailwind, Javascript, HTML, CSS, Git*   Link
- Developed the To-Do List App using React functional components and hooks
- Developed core features including adding tasks with titles and descriptions, and deleting tasks, enabling efficient and organized task management
- Implemented a responsive UI using Tailwind CSS, ensuring the app is user-friendly across various devices, from mobile to desktop
- Successfully deployed the application on Vercel, providing a live, accessible URL for end-users.

CERTIFICATIONS

- **Python for Data Science, AI and Development**
- **Introduction to Artificial Intelligence (AI)**
- **The Complete 2024 Web Development Bootcamp**
- **IoT Devices**

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, MongoDB, MySQL, HTML/CSS
Frameworks: React, Nextjs, Node.js, Express.js, Tailwind CSS, Rest API, Material-UI, Bootstrap