

Sneha Yadav

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Education

Maulana Azad National Institute of Technology, Bhopal <i>B.Tech in Electrical Engineering ; CGPA: 8.86</i>	Bhopal, India <i>2022 - 2026</i>
Aaditya Vidya Vihar Hr. Sec. School <i>12th standard CBSE, Percentage: 95.6</i>	Khargone, Madhya Pradesh, India <i>2021</i>
Aaditya Vidya Vihar Hr. Sec. School <i>10th standard CBSE, Percentage: 95.8</i>	Khargone, Madhya Pradesh, India <i>2019</i>

Technical Skills

- **Languages:** C, C++, Python, Java, JavaScript, SQL
- **Web Development:** HTML, CSS, ReactJs, NodeJs, ExpressJs, EJS, Tailwind, Bootstrap
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Developer Tools:** Visual Studio Code, Git, GitHub, Postman, CodeSandbox
- **Relevant Coursework:** Data structures and Algorithms, Object Oriented Programming, Database Management System, Operating System, Computer Networks.

Projects

QuickCart - Shopping Cart Application [[Github](#)]

- Built a full-stack shopping cart using MERN stack, enabling seamless product updates.
- Designed a responsive and visually appealing UI with Chakra UI.
- Integrated React Router for seamless navigation across the application.
- Optimized with Vite, reducing build times by 80% and improving load times by 40%.
- Technologies : *MongoDB, Express.js, React.js, Node.js, React Router, Chakra UI*

CookBook - Recipe Finder App [[Github](#)]

- Built a real-time recipe search app using React.js with 5+ reusable components.
- Integrated TheMealDB API to search and display 300+ recipes in real-time.
- Designed a modern, mobile-friendly UI using Tailwind CSS, enhancing user experience.
- Integrated React Router for efficient navigation and user experience.
- Implemented loading states and error handling to improve app performance.
- Technologies : *React.js, React Router, TheMealDB API, Tailwind CSS*

IP Address Location Tracker [[Github](#)] [[demo link](#)]

- Developed a real-time IP tracking web application integrated with 2 API endpoints.
- Created an intuitive UI with JavaScript for a seamless user experience.
- Integrated Google Maps API to access real-time geolocation data from 195 countries worldwide.
- Technologies : *Google Maps JavaScript API, IP Geolocation API, JavaScript*

Programming Profiles

Leetcode	: [SNH115577]	400+ Problems	Max Rating: 1642
GeeksForGeeks	: [yvsnecops]	500+ Problems	Max Rating: 1691
Codechef	: [ysnh11]	100+ Problems	Max Rating: 1572

Position of Responsibility

Technical Executive

Robotics Club

May 2023 – April 2024

NIT Bhopal

- Collaborated with a 7-member team to develop Arduino-based projects.
- Managed Automax 2.0 (Phase I & II) at Technosearch-2023, engaging 300+ participants .
- Strengthened teamwork and coordination through project execution.
- Skills: *Arduino, Project Management, MS Power Point, MS Excel, Teamwork, Coordination*

Achievements and Certifications

- CodeChef - secured global ranks **533, 887, 1453** in Div-3 and **2382, 3234** in Div-4 contests (20k+ participants).
- GeeksforGeeks (3 star) - secured contest ranks **62, 1148, 2118, and 2316**.
- Earned **SQL (Intermediate)** certification from **HackerRank** (*Sep-2024*) [[Link](#)]
- Completed 60+hour Full Stack Web Development course on Udemy (*July 2024*) [[Link](#)]

Interests

- Visual arts – Pencil sketching and color portraits