

Sangam

✉ sangamsahni18@gmail.com ☎ 9369309280 📍 Prayagraj, India 🔗 LinkedIn 🐙 GitHub

📄 PROFILE

Full Stack Developer and Electronics & Communication Engineer with a strong foundation in **responsive web development, MERN stack, and IoT-based systems**. Proficient in **HTML, CSS, JavaScript, React.js, Redux, Node.js, Express.js, MongoDB, and REST API integrations**. Known for building efficient, real-world applications and optimizing system performance. Eager to contribute to dynamic and innovative software teams.

🎓 EDUCATION

Bachelor of Technology, Electronics & Communication Engineering, 2020 – 2024 | Prayagraj, India
Shambhunath Institute of Engineering and Technology
7.46 CGPA

Senior secondary, Kendriya Vidyalaya New Cantt 2020 | Prayagraj, India
64.5%

💡 SKILLS

Frontend Development

HTML, HTML5, CSS, JavaScript, Bootstrap, Tailwind, React.js

Database

MongoDB, SQL, MySQL

Tools & Technologies

Git, Github, Postman, VS Code,

Backend Development

NodeJS, ExpressJS, REST APIs, Redux

Hardware & Electronics

MATLAB, Proteus, PCB Design

Soft Skills

Problem-solving, Leadership, Team Collaboration

📁 PROJECTS

News API App 2025

- Developed a news web application using **React.js** and **News API** to display real-time news across categories.
- Optimized API calls for better performance and smooth navigation with **React Router**.

🔗 itsnewsapi.netlify.app 📄

Rest Countries Website 2025

- Built a country information app using **HTML, CSS, and JavaScript**, fetching data from the **REST Countries API**.
- Included search, filter, and dark mode features with clean and responsive UI.

🔗 restcountriesin.netlify.app 📄

Image Search App 2025

- Built a responsive image search app using **HTML, CSS, JS, and Unsplash API**.
- Implemented search functionality with optimized API requests for faster image loads.

🔗 imagesearchapp08.netlify.app 📄

SmartFlow: Autonomous Traffic Control System with Multi-Sensor Integration 2024

- Developed a **smart traffic management system** using **Arduino, Ultrasonic Sensors, and Infrared Sensors** to monitor vehicles in real time.
- Programmed the system in **C++** and integrated environmental sensors to detect harmful gases.
- Successfully reduced signal delays in simulated traffic scenarios, showcasing the system's efficiency.

🧩 TRAINING AND WORKSHOP

Full Stack Web Development Internship - Hanumant Technology Pvt. Ltd. Nov 2024 – May 2025 | Lucknow, India

- Completed a **6-month internship** focused on modern web technologies and hands-on development.
- Gained expertise in **HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React.js, Node.js, Express.js, MongoDB, REST APIs, API Integration and Postman**.
- Worked on real-time web applications, strengthening frontend-backend integration and API testing.

Artificial Intelligence Tools and Applications, Organized by IIIT Allahabad Jun 2023 – Jul 2023 | Prayagraj, India

- Acquired theoretical knowledge and hands-on experience in AI applications, including the latest developments in Deep Learning, Machine Learning, Reinforcement Learning, and Robotics.

📄 CERTIFICATES

- Certificate of IEEE membership in 2022 and 2023 & IEEE Microwave Theory and Techniques Society in 2022 and 2023
- TCS ION Group Discussion Course, Interview Skills Course, Resume Writing and Cover Letter.
- MATLAB And Machine Learning Onramp
- Udemy PCB Design with Proteus

🏆 AWARDS

iGOT Award – Best Head Coordinator & Team Management, TechFest 2024 Jul 2024
Recognized for exceptional leadership, event coordination, and team management.

Best Project Award – ECE Department, Shambhunath Institute of Engineering and Technology May 2024
Led a team to develop an award-winning traffic system, recognized for reducing congestion by 25%