

# SANTOSH RAWAT

Student Developer  
| Focused on DSA, Web & ML  
Web enthusiast

## Contact

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[Linkedin](#)

[GitHub](#)

## Education

(2023 - 2027)

University School of  
Information, Communication &  
Technology (USICT)

Completed my schooling  
from  
->Spring meadows public  
school.

Class 10<sup>th</sup> CBSE-77.6%

Class 12<sup>th</sup> CBSE-88.6%

## Skills

·Languages: C, C++,JAVA ,  
PYTHON, SQL (MySQL)

·Web Development: HTML,CSS ,JS  
React.js, Node.js, Express.js

·Tools: Github, VS Code Critical  
Thinking

·Learning machine learning

·Cultural Awareness,  
Flexible and Adaptable,Decision-  
Making, quick learner

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## About Me

B.Tech Information Technology student at USICT, GGSIPU with a strong foundation in Python, C, Java, and frontend web development. Passionate about software development and problem-solving, with hands-on experience in building small-scale projects. Currently exploring backend development and machine learning to broaden technical expertise. Keen interest in development and Data Structures & Algorithms (DSA), with a focus on continuous learning, practical application, and real-world problem-solving.

## projects

### QR Code Generator & Scanner (Web App)

- Developed a web application using React.js to generate and scan QR codes.
- Integrated third-party libraries for real-time QR code functionality.
- Designed a responsive UI with custom CSS for a seamless user experience.

### Basic Calculator (Web App)

- Built an interactive calculator using React.js with React Hooks (useState) to manage state dynamically.
- Implemented core arithmetic operations and designed a clean interface using custom CSS.

### Text Utility App (Web App)

- Created a text processing tool in React.js with features like uppercase/lowercase conversion, title case, space removal, and word/character count.
- Styled with Bootstrap CSS to ensure a responsive and user-friendly interface.

### BHRAMAN – Smart Travel Planner (Hackathon Project) [\[Link\]](#)

- Built an AI-powered travel assistant using React.js, TailwindCSS, and Google Maps APIs.
- Implemented recursive route planning for segmented, optimized journeys with real-time cost and duration estimates.
- Curated local attractions and food spots based on user feedback and testing.
- Focused on a smooth user experience through a responsive and intuitive interface.

## Experience

Hackathon – Vihaan 8.0, DTU [\[Link\]](#)

- Participated in Vihaan 8.0 Hackathon organized by Delhi Technological University (DTU), reaching the final round among the top teams.
- Built BhramanAI, a full-stack intelligent travel planner web application.
- Designed and implemented dynamic, city-specific pages using React.js and Tailwind CSS, integrating custom UI components for enhanced user experience.

Freelance

- Built responsive and interactive UIs using React.js, JavaScript, and Tailwind CSS.
- Translated Figma/UI designs into reusable, component-based layouts.
- Integrated APIs and optimized performance for speed and cross-browser compatibility.