

# Saumya Sarngal

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## SUMMARY

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Computer Science undergraduate at NIT Srinagar with strong foundation. Enthusiastic about applying problem-solving and software engineering skills to build impactful solutions. Seeking opportunities in ML, Web Development or Software Engineering roles.

## EDUCATION

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2023 - 2027	BTech at <b>NIT Srinagar</b>	(8.4)
2023	12th CBSE Board at <b>Kendriya Vidyalaya No.1 Jammu</b>	(91%)
2021	10th CBSE Board at <b>Kendriya Vidyalaya No.1 Jammu</b>	(96%)

## WORK EXPERIENCE

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<b>Management Role</b>	10/2024
At Techvaganza NIT Srinagar Led a team for registrations , handling over 10,000+ visitor registrations.	
<b>Intern</b>	01/2025 - 03/2025
At C-DAC, Noida (Ministry of Electronics and Information Technology) Task : Ethical Hacking and Penetration Testing	

## PROJECTS

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### Restaurant Website

Built a full-stack web application with menu, cart, sign-in, and order confirmation features using HTML, CSS, JavaScript, Node.js.

Implemented cart functionality similar to Swiggy/Zomato.

### Weather Data Analysis RESTful API (Python, NumPy, Pandas, Flask)

Performed weather trend analysis using Pandas and NumPy, and developed a RESTful API using Flask to serve real-time analytical insights in JSON format.

### TextUtils Website

A text manipulation tool with multiple transformation functions using React.

## SKILLS

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Programming Languages/Databases	C, C++, Python, MySQL
Frameworks & Libraries	NodeJs, ReactJs, Bootstrap, Pandas, NumPy, Matplotlib, flask
Web Technologies	HTML, CSS, JavaScript
Core CS	DBMS, DSA, OS, Microprocessor

## ACHIEVEMENTS

NCC Cadet (active participation in drills and camps)

Represented at National Level in Yoga and Regional Level in Youth Parliament

Gold Medalist – SOF Mathematics Olympiad (Class XII)

CBSE Class X Topper (2021)

Currently in Smart India Hackathon

## CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Data Science Professional