

# SRAAVYA KOCHHAR

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## PROFILE SUMMARY

Full-stack developer experienced in building responsive web and mobile apps using the MERN stack and Flutter. Skilled in REST API integration, backend logic (Node.js), and UI design with React. Active open-source contributor (Social Summer of Code) and finalist in ICPC AlgoQueen 2025, with a focus on building tech for education and accessibility.

## EDUCATION

### Maharaja Agrasen Institute of Technology, GGSIPU

Sept 2023 – July 2027 (expected)

Bachelor of Technology in Computer Science (Specialization: Data Science)

CGPA: 9.13/ 10 (Till Semester 3)

### St. Cecilia's Public School

2011 – 2023

CBSE Class XII | Percentage: 94.8%

## SKILLS

- **Languages:** C, C++, Java, Python, JavaScript, TypeScript
- **Frontend:** React.js, HTML, CSS, Redux, Responsive Design
- **Backend:** Node.js, Express.js
- **Databases:** MySQL, MongoDB
- **Data layer/ API handling:** RESTful APIs, TanStack Query, Postman
- **Mobile Development:** Dart, Flutter
- **Tools and Technologies:** Git, GitHub, Firebase, Figma (UI/ UX)
- **CS Fundamentals:** Data Structures and Algorithms (DSA)
- **Soft Skills:** Creative problem- solving, Effective communication, Leadership and Team Collaboration

## PROJECTS

### Pathshala – Google Solution Challenge 2025 Entry (SDG 4 & 9)

[GitHub Repo](#) | [Prototype Video](#)

**Tech Stack:** Flutter, Dart, Firebase, Gemini API

- Developed a cross-platform mobile learning platform using Flutter, targeting underserved students with immersive AR/VR learning experiences
- Integrated Gemini API to build an AI-powered chatbot for personalized, real-time academic support
- Submitted to Google Solution Challenge 2025, aligning with UN SDG 4 (Quality Education) and SDG 9

### Civis – Civic Tech Platform for Policy Awareness (In progress)

[GitHub Repo](#)

**Tech Stack:** React.js, JavaScript, Tailwind CSS, JSON

- Designing a user-first civic platform to simplify access to schemes, policies, and constitutional rights
- Developed dynamic search/filter logic using structured JSON data
- Planned features include eligibility quizzes, educational modules, and scheme discovery tools

### Climate App – Real- Time Weather Dashboard

[Live Demo](#) | [GitHub Repo](#)

**Tech Stack:** React.js TypeScript, OpenWeather API, TanStack Query, Tailwind CSS

- Built a responsive, mobile-first weather app with detailed forecasts, city search, and favourites
- Integrated the **OpenWeather API** and handled real-time data fetching with reusable TypeScript components
- Deployed and tested for cross-browser compatibility and accessibility

## POSITIONS OF RESPONSIBILITY

### Technical Team Member – Startup Sphere, MAIT

October 2024 – Present

- Led a team of 3 to develop a full-featured website for the official society
- Managed timelines, scoped deliverables, and coordinated cross-functional development tasks

## CERTIFICATIONS

AI Primer · Principles of Generative AI · Agile Scrum Practices (Infosys Springboard)