



RISHEEKESH RAJPUT

B.Tech Computer Science Engineering Student

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About Me

B.Tech Computer Science Engineering student at Dayananda Sagar University with strong foundations in C, Java, and full-stack web development. Passionate about building scalable, user-centric software solutions.

Projects

■ Translating Watts into Trees – Smart Energy & Environment Analyzer

Developed a web-based tool to calculate electricity cost and visualize environmental impact. Features include state-wise tariff calculation, AI-powered energy-saving insights using Gemini API, CO₂-to-tree conversion metrics, and interactive grid visualization with Leaflet maps.

Tech Stack: HTML5, Tailwind CSS, Firebase, Vanilla JavaScript

Demo: Live Demo | *Repo:* GitHub

■ Cosmic Power – NASA Space Apps Challenge 2025 (Local Award Winner)

Built an AI-powered knowledge discovery platform for NASA bioscience research. Enabled semantic search, AI summarization, and chatbot-based interaction to make space biology data easily accessible and insightful.

Tech Stack: React.js, Next.js, Gemini API, NoSQL Database

Team: Cosmic Power | Dayananda Sagar University

Link: Project Details

■ Health Chatbot – Smart India Hackathon

Contributed to the development of a 24/7 health chatbot providing reliable and accessible healthcare information. Focused on user-friendly design and accurate medical guidance.

Team: CodeStorm

Education

B.Tech CSE – Dayananda Sagar University (2024–2028)

12th CBSE – Leed's Asian School, Patna

10th CBSE – Leed's Asian School, Patna

Technical Skills

C, Java, Python, HTML, CSS, JavaScript, React.js, Node.js, MongoDB, VS Code, GitHub

Certificates

NASA Space Apps Challenge 2025, Google Cloud Completion, IEEE Logo League, Artificial Intelligence, Java Programming – Infosys, UI/UX Design

Languages

Hindi (Mother Tongue), English (Fluent), Bhojpuri (Fluent)