



# SHRAVANI RASAM

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## Technical Skills

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**Programming Languages:** C, C++, Java, Python, JavaScript

**Frameworks & Libraries:** React.js, Tailwind CSS, Flask, NumPy, Pandas, Matplotlib, scikit-learn

**Databases:** MySQL, Firebase

**Tools & Technologies:** VS Code, Git, GitHub, REST APIs

**AI/ML:** Generative AI, Machine Learning

## Achievements

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### Smart India Hackathon 2024 Winner (Software Edition)

11-12 Dec 2024

- Developed a platform for interdepartmental co-operation and resource management.
- Project showcased at IIT Gandhinagar.

### CodeCrafters 2.0 – 2nd Place (Web Development)

15-16 Mar 2025

- Built MoneyMitra, a multilingual financial companion.
- Secured 1st place in Web Development category.

### Rotacodefest Hackathon – 3rd Position

13-14 Mar 2024

- Developed a waste management website for sustainability.
- Recognized for innovation and technical proficiency.

## Education

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### Vivekanand Education Society's Institute of Technology

Chembur, Mumbai March 2026

Bachelor of Engineering in Information Technology; CGPA: 9.62 (till Sem 6)

### Jaipuria School CBSE

Sanpada, Navi Mumbai March 2022

XII (HSC); 85.00%

## Projects

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### SAHKAAR SETU ([Demo-link](#))

- Smart India Hackathon 2024 project designed to revolutionize urban governance by enabling centralized data sharing and AI-powered task management. It enhances interdepartmental coordination for better e planning, resource utilization, and project execution.
- Tech Stack: React, Vite, Tailwind CSS, Django, Node.js, Firebase, Llama LLM model, Leaflet.js, Framer Motion.

### WASTE WISE WEB ([Github-link](#))

- A web-based waste management platform that helps users find proper waste disposal methods, report dump sites, and access sustainability guides. Features include geo-tagged bin locations, waste statistics, and cleaning campaign requests.
- Tech Stack: React, Vite, Tailwind CSS, Firebase, Firestore, Google Maps API, Chart.js, Cloudinary.

### RESEARCH MATE ([Github-link](#))

- An AI-driven research assistant that streamlines academic research with instant AI chatbot support, mentor connections, and real-time collaboration tools. It provides IEEE paper formatting, plagiarism checks, and smart writing suggestions.
- Tech Stack: FastAPI, Firebase/Auth, Tailwind CSS, BERT Sentence Transformer, FAISS (Facebook AI), LLaMA, ReportLab, WebSockets, GitHub/Kaggle APIs.

### FOREST HUB ([Github-link](#))

- A conservation-focused platform that helps users discover nearby green spaces, access ecological information, and stay updated with environmental news. It integrates external APIs for real-time location-based conservation insights.
- Tech Stack: React, Firebase, Axios, OpenCage Geocoding API, Wikipedia API, GNews API, Leaflet.js.

## Additional

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**Languages:** Fluent in English, Hindi, and Marathi.

**Soft-skills:** Good Public speaking skills, Creative thinking, Teamwork, Problem-solving and Time management.