

JAISHREE BASKARAN

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Education

SRM Institute of Science and Technology

2026 Batch

B.Tech in Computer Science and Engineering, CGPA – 8.5

Experience

SIMS Hospital

Chennai, Tamil Nadu

Intern - Web App developer

Jun 2025 - Sep 2025

- Engineered a full-stack media management system for SRM Groups using React, TypeScript, and Android TV.
- Ensured scalability and operational performance across 500+ connected devices, improving system uptime and user engagement.

Revature

Chennai, Tamil Nadu

Project Intern - AI/ML Developer

Jun 2025 - Jul 2025

- Built an ML-based course recommendation engine for personalized training, improving relevance by 25%.
- Developed an AI-powered GitHub PR bot to automate code reviews, reducing review time by 40%.
- Enhanced the UI/UX of Revature's internal web portal, boosting user satisfaction by 20%.

Rotork

Chennai, Tamil Nadu

Project Intern - Software Engineer

Jun 2024 - Jul 2024

- Designed and implemented a GUI to visualize actuator performance data, increasing data accessibility by 35%.
- Assisted in requirement gathering, data integration, and testing of performance visualization systems.

Leadership

President, Association of Computer Science Engineers

2025 - 2026

Joint head of Creative Design, Association of Computer Science Engineers

2024 - 2025

Editorial Head, Campus Newsletter

2023 - 2025

Paper Publication

CosmoScan – A Galaxy Type Identifier Using Computer Vision - [Link](#)

Developed and published CosmoScan, an AI-powered galaxy classification system that blends astronomy with deep learning to identify galaxy types with high precision.

Skills

Technical skills: Python, React, HTML, CSS, JavaScript, FastAPI, MySQL, Matplotlib, Flutter, Pandas, Node.js, Git.

Soft Skills: Communication, Teamwork, Creativity, Adaptability, Leadership, Multitasking.

Design: Figma, Spline, Notion, Canva, Adobe Suite, Technical Writing, Prototyping.

Language: English (Proficient), Tamil (Proficient), French (A2), Hindi (Proficient), Korean (Conversational).

Projects

RADAR Sensor System - An Arduino-based radar using ultrasonic sensors for real-time object detection, improving detection accuracy by 25% and enabling applications in home automation, intrusion detection, and safety.

Write n Site - Created an ML system for handwritten text digitization using supervised learning, achieving over 92% character recognition accuracy and ensuring a user-friendly interface for practical, real-world usage. [Link](#)

F1 Race Performance Predictions Based on Weather Conditions - An ML model to predict Formula 1 race performance using weather data for strategic insights. [Link](#)

Panda Management System - A React.js + Firebase app to catalog 200+ household items, reducing misplaced item incidents by 30% in the first month. [Link](#)

Achievements

Ideathon 4.0 by Team Hakathon of SRM – 3rd place out of 200 teams

Feb 2023

Upgrad Abroad's Future leader scholarship Program – High Distinction

Sep 2021

International Space Olympiad – ranked 64th internationally out of 1800

2019 -2021

RISE Global Challenge – Quarter finalist

2020-2021