

BHIMAVARAPU NAVYA SRI

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Education

Institute of Aeronautical Engineering

B.Tech Computer Science Engineering, IV-Sem

Expected Graduation: 2028

CGPA: 8.72

Sri Chaitanya Junior College

Intermediate

2022 – 2024

Score: 961/1000

Siva Sivani Public School

SSC

2022

Percentage: 94.5%

Technical Skills

Languages: Java, Python

Web Development: HTML, CSS, JavaScript (learning)

Database: MySQL

Tools: GitHub, VS Code

Projects

Prescription Scanner / [Link](#)

January 2026

- An AI-driven web application designed to digitize healthcare records by performing multilingual OCR on prescriptions to extract drug names, dosages, and medical instructions.
- Built with a Python (Flask) backend and a JavaScript frontend, utilizing the EasyOCR library for text recognition and regex-based NLP for patient-friendly data simplification.

PhotoBooth / [Link](#)

January 2026

- A real-time web application featuring a Polaroid-themed interface that allows users to capture and render photos directly within the browser.
- Built with HTML, CSS, and JavaScript, utilizing the MediaDevices API for live camera integration and the Canvas API for image processing and captures.

EchoHealth (MVP) / [Link](#)

January 2026

- A healthcare-focused web prototype designed for senior care, featuring a user-friendly interface for prescription scanning and multilingual voice-guided medication reminders.
- Developed using HTML, CSS, and JavaScript, integrating the Web Speech API for text-to-speech output and leveraging Tesseract.js (or browser-based OCR logic) for client-side image processing.

Achievements

Top 10 Finalist, TechSprint IARE Hackathon

- Co-developed EchoHealth, an AI healthcare solution for medication safety. Recognized for innovation in "Agentic AI" applications and user-centric design among a competitive field of undergraduate developers.

Certificates

Certificate on Java Basics / [edamIARE](#)

October 2024

Certificate on DSA with Java / [Infosys Springboard](#)

August 2025

Coding Profiles

HackerRank: Achieved 4-star Silver badge in Java and Bronze badge in Python

LeetCode: Solved 30+ problems