BHIMAVARAPU NAVYA SRI

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EDUCATION

Institute of Aeronautical Engineering   *Expected Graduation: 2028*
B.Tech Computer Science Engineering, IV-Sem   CGPA: 8.72

Sri Chaitanya Junior College   *2022 – 2024*
Intermediate   96.1%

Siva Sivani Public School   *2022*
SSC   94.5%

TECHNICAL SKILLS

Languages:	Java, Python, C#
Web Development:	HTML, CSS, JavaScript
Database:	MySQL
Tools:	GitHub, VS Code

PROJECTS

Prescription Scanner   *February 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   *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)   *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 DSA with Java — Infosys Springboard	*August 2025*
Certificate on Java Basics — edamIARE	*October 2024*

CODING PROFILES

HackerRank: Achieved 4-star Silver badge in Java and Bronze badge in Python
LeetCode: Solved 30+ problems