

ARUN SAI DYAVANAPELLY

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EDUCATION

<i>B. Tech Computer Science Engineering.</i> Guru Nanak Institute of Technology, Hyderabad	<i>GPA : 8.72/10</i> <i>2022 – 2026</i>
<i>Sri Chaitanya Junior College, Hyderabad</i> M.P.C	<i>GPA : 9.61/10</i> <i>2020-2022</i>

PROJECTS

News Fetching Web App : Built a responsive web application that fetches and displays real-time news headlines using the NewsAPI. Integrated category-based filtering (e.g., sports, technology, business) and dynamic search functionality. Designed with clean UI and optimized for both desktop and mobile devices using HTML, CSS, and JavaScript.

Country Info Fetcher : Developed an interactive tool that retrieves and displays comprehensive data about countries using the REST Countries API. Users can search by country name to view details such as population, currency, languages, flag, and bordering nations. Implemented responsive UI with error handling for smooth user experience.

Robust License Plate Detection using OpenCV : Developed a computer vision-based system to detect and localize vehicle license plates in real-time from images and video streams. Utilized OpenCV for image preprocessing techniques such as grayscale conversion, edge detection, and contour analysis to accurately isolate license plates. The model demonstrated high accuracy across varied lighting conditions and backgrounds, emphasizing robustness and efficiency. Ideal for applications in traffic monitoring and automated surveillance systems.

TECHNICAL SKILLS

Languages: C, Python, HTML, CSS, Java Script.

Areas of Interest: Data Structures and Algorithms, Web Development, Front End Development.

Technologies/ Frameworks: React , Git.

EXTRACURRICULAR / ACHIEVEMENT

Member of Google Developer Student Clubs: As an enthusiastic Member of Google Developer Student Clubs, actively engaged in collaborative coding challenges, hands-on projects, and regular meetings. Strengthened proficiency in C, Python and contributed to impactful projects, fostering teamwork and networking within the tech community.