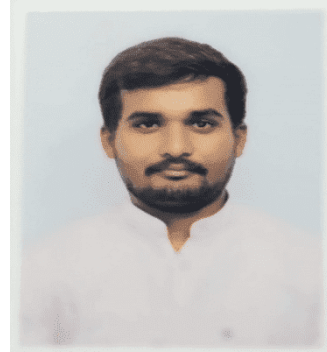


SAI RAGHAVA LALIT KUMAR ARATI

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Hyderabad-500039.

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CAREER OBJECTIVE:

I am passionate to secure a challenging position in a reputable organization where I can apply my educational background and skills, contribute to the success of the company, and grow professionally. I am eager to learn, take on new responsibilities, and make a meaningful impact.

ACADEMICS:

Educational Qualification	Name of the Institute/University	Year of Completion	Result
4 th YEAR B.TECH (Electronics & Communication)	Vignana Bharathi Institute of Technology	2025	71.1%
INTERMEDIATE	Narayana Junior College	2021	84%
SSC	SR Digi School	2019	90%

SKILLS:

- ❖ Effective Time Management.
- ❖ Proficiency of Microsoft Office applications.
- ❖ Knowledge of programming languages, such as C-Language, Python, Java etc.
- ❖ Communication Skills.
- ❖ Knowledge of VLSI ,Matlab, Scilab and Cadence tools.

INTERNSHIPS/EXPERIENCE:

OptimumP:

- ❖ At OptimumP, They offer good quality **Battery Management System (BMS)**. The Battery Management System (BMS) we offer are manufactured under strict quality controls and all the BMS go through high standard Quality Control before reaching to Indian Market.
- ❖ We also deal in Smart Battery Management System. Our smart BMS is specially designed for rechargeable lithium battery packs to enhance performance of complete solutions. The communicative BMS monitors all cell's current and voltage fluctuations in pack and temperature of the pack.
- ❖ Participated in VLSI workshop and gained knowledge across VLSI and the internship on them.
- ❖ Performed Projects on related to Control systems, Embedded Systems etc.
- ❖ Improved my skills through VLSI Workshop.

PROJECTS:

-Person Re-identification by extracting multimodal features using Fair MOT

- ❖ Re-identification (Re-id) is a critical task in surveillance systems, where the goal is to match the same individual across different camera views. Traditional methods rely primarily on visual features, but recent advancements have explored multimodal feature extraction to improve the robustness and accuracy of Re-id systems using FairMOT (Fair Multi-Object Tracking).

-Exploring the Combination of Sentiment Analysis and Voice Recognition through Deep Learning

- ❖ Sentiment analysis also known as opinion mining. It is crucial for understanding public opinion and emotions in textual data. Utilizing Natural Language Processing (NLP) and machine learning, it categorizes sentiments as positive, negative or neutral. The growing volume of user-generated content on social media and review sites has increased the demand for automated sentiment analysis, which is vital for businesses and researchers in extracting insights and shaping strategies.

CERTIFICATIONS:

- ❖ VLSI For Beginners from NIELIT Calicut.
- ❖ Infosys Spring board Internship Certificate.
- ❖ AICTE AIML, Cloud, Cyber security virtual and Embedded System Developer Virtual Certificates.
- ❖ JUNIPER Internship Certificate.
- ❖ Cisco CCNA Networking and Python Certifications.
- ❖ Salesforce Administration Certificate.
- ❖ Employability Skill Certificate.