

DONAVALLI SHANMUKA SAI

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SUMMARY

Enthusiastic and adaptable Electronics and Communication Engineering graduate with knowledge in Python, C, and proficiency in tools like Packet Tracer, Keil uVision, KiCad, and Anaconda. Well-versed in utilizing Anaconda for deep learning workflows. Experienced in web development using Django, and computer vision with OpenCV. Skilled in addressing engineering challenges through critical thinking and problem-solving, with a growing interest in cybersecurity. Strong communicator and team player, known for empathic intelligence, adaptability, and effective collaboration. Effective in time management and a commitment to continuous learning.

SKILLS

- Technical- Python, C, Packet Tracer, Kell uvision, Anaconda, Deep Learning, Django, KiCad, OpenCV.
- Interpersonal Skills- Adaptability, Problem solving, Empathic Intelligence, Critical Thinking, Time Mangement, Communication, Team Work.

ENGINEERING INTERN

ROBOWORKS AUTOMATION

Bangalore, Karnataka

June 2024-October 2024

- Collaborated with team members to complete tasks within established timelines.
- Provided technical support during field trials of newly developed systems.
- Participated in project meetings, contributing innovative ideas and solutions to engineering challenges.

PROJECTS

- Detection of Meat quality by using Deep Learning Techniques.
- Object detection using open CV.
- House price prediction using linear Regression.
- Winding Factor Calculator.
- Energy Meter Readings Storage Application - Designed the user interface for an application to track energy meter readings for JBM Ogihara Automotive India Limited.

EDUCATION

RAJALAKSHMI INSTITUTE OF TECHNOLOGY

Bachelor of Engineering,
Electronics and Communication Engineering
Cumulative GPA: 7.86/10

Chennai, Tamil Nadu
2020 - 2024

NARAYANA JR COLLEGE

Intermediate
GPA: 8.29/10

Vijayawada, Andhra Pradesh
2018 - 2020

SRI CHAITANYA EM HIGH SCHOOL

10TH CLASS
GPA: 9.5/10

Vijayawada, Andhra Pradesh
2017 - 2018

ADDITIONAL INFORMATION

WORKSHOP

- Workshop based on Intel Cadence tool (FPGA), RIT, Chennai.
- Workshop based on Recent trends in Microwave devices and antenna design, RIT Chennai.
- Workshop based on Approach Towards Current and Future Perspectives of Electric Vehicles in India,RIT, Chennai.

CONFERENCE

- Presented paper on "Effective Usage of Technologies During Pandemic" at the AI and AR/VR Technologies in Education Conference, RIT, Chennai.
- Presented paper on "AI in Wireless Communication" at ICRCPT 2022, International Conference, RIT. Chennai.