

SADHU LAVANYA

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SUMMARY

Computer science undergraduate skilled in Python, C, Java, and C++. Completed projects demonstrating problem-solving and software development abilities. A fast learner and enthusiastic team player Eager to gain hands-on experience in software engineering to enhance skills and contribute to innovative.

SKILLS

- **Technical Skills :** Data Structures ,Algorithms ,OOPS ,DBMS ,Machine Learning.
- **Programming Languages:** C, Python, MySQL, Java, C++ .
- **Web Technologies :** HTML, JavaScript, CSS.
- **Platforms:** Windows, Ubuntu, Linux ,Visual Studio Code, Jupyter Notebook, Git Hub.
- **Others:** Problem Solving Skills, Communication skills , Debugging, logical reasoning, Team Work.

EDUCATION

JNTUH University College Of Engineering Sultanpur, Sangareddy	2021 - 2025
B-Tech - Computer Science And Engineering - CGPA : 7.26	
Geetha Junior college, Medak	2019 - 2021
MPC – Intermediate - Aggregate IPE Percentage : 94%	
Telangana State Model School, Medak	2018 - 2019
SSC - GPA : 9.8/10	

LANGUAGES

- English • Hindi • Telugu

INTERNSHIP

- Bharath virtual internship November 2023 -December 2023
A 1 month virtual internship on Web Development.
- Codesoft virtual internship October 2024 -November 2024
A 1 month virtual internship on Machine Learning.

PROJECTS

- **Adaptive Traffic Control Mechanism:** This project, meticulously crafted with Python and YOLO v8, introduces an intelligent traffic management system that dynamically adapts to real-time traffic conditions.
- **Pan-Card Tampering Detection :** Developed a system to detect tampering in PAN card images using image processing and machine learning techniques. Enabling quick verification of PAN card authenticity .
- **Portfolio Website :** The development of a user-friendly website using HTML,CSS .This website serves as a digital showcase, providing information about the presenters background, skills, and accomplishments).
- **Credit Card Fraud Detection:** A credit card fraud detection project aims to identify fraudulent credit card transactions and prevent financial losses using Machine Learning.

CERTIFICATIONS

- Certification for Python assessment by HACKERANK July 2023
- Certification of participation for YUGA-2K22 workshop in python and web development April 2022
- Certification of completion of fundamentals of Python Course Through Great Learning Platform Jan 2023
- Certification of Accomplishment for SQL in HACKERRANK in October 2024