



SUMMARY

With a robust academic foundation, I have honed my skills as a proficient Mechanical and Robotics engineer. I've showcased my expertise in Python, RPA, and data visualization during my internships at AICTE, Accenture, and TATA Industries. As an engaged member of the DRONES club, I possess a high level of proficiency in DATA analytics and drone development. My versatile skill set, self-motivated approach to machine learning, and fluency in both English and Hindi position me as a compelling prospect for positions in engineering and data analytics.

EDUCATION

Gayatri vidya parishad college of engineering

Bachelor's Degree in Mechanical Engineering and Robotics 2020- 2024 7.5 CGPA

Srichaithanya junior college

MPC 2017-2019 9.0 CGPA

Srichaithanya Techno school

2015-2017 9.8 CGPA

SKILLS

- Python
- Data Visualization
- Data Analytics Essentials
- SQL & MYSQL
- Machine Learning (Basics)
- Data Cleaning
- CNN & RNN Modeling
- Tableau
- Power BI
- RPA (Robotic Process Automation)
- AWS (Sage maker)
- Data Scraping
- Data Analysis
- NLP & Transformers architecture

CERTIFICATIONS

- Data Analytics Essentials Issued by Cisco
- Data Visualization using Tableau
- RPA Developer Foundation & advance , UIPATH
- AWS S3 Basics , AWS , IBM Virtual intern
- Accenture North America Data Analytics and Visualization ,
- Tata Data Visualization: Empowering Business with Effective Insights TATA industries
- RPA (Robotic Process Automation) , UI path , AICTE

EXTRA CURRICULAR ACTIVITES

- COrE Member in DRONES club of GVPCE(A) , Visakhapatnam
- Drone developer and engineer
- IOT freelancer
- self taught ML enthusiast & AI ML programmer
- Cyber security , Palo Alto , intern , Dec - 2021
- Web Dev python - ML programmer

PROJECTS

• NLP CHATBOT USING BERT AND BLOOM TRANSFORMER ON WIKI DATA

my creation and deployment of an NLP chatbot effectively utilizes BERT and the BLOOM Transformer using Wikipedia data as source for pretraining . BERT enhances query understanding with robust context awareness, while the Bloom Transformer optimizes the storage and retrieval of extensive Wikipedia content. This deployment elevates the chatbot's knowledge and conversation skills, offering users precise and contextually aligned responses.

• DIGITAL PORTFOLIO WEBAPP WITH ASSITIVE CHATBOT FOR COLLEGE

GVP Digi Wall" is a comprehensive digital portfolio web application for colleges. It features an assistive chatbot that utilizes the college's database to provide answers to college-related queries. Additionally, the web app includes a collaborative web page for sharing and accessing information among the college community, enhancing communication and knowledge dissemination within the college ecosystem.

• YOLOV8 & V5 MODEL CNN BASED TRAFFIC SIGN DETECTION FOR SELF DRIVING CARS AND AUTOMATION

successfully implemented the YOLOv8 and YOLOv5 convolutional neural network models for real-time traffic sign detection in the realm of self-driving cars and automation. These models demonstrate exceptional speed and accuracy in recognizing and categorizing traffic signs, meeting the stringent safety and precision demands of autonomous vehicles and automation systems. This development marks a significant contribution to advancing the safety and reliability of transportation solutions in these domains.

• RPA UIPATH CASE STUDY ON THE HR USE CASES AND ATS PLATFORM

In this RPA UiPath case study, I've created an automation solution for HR operations. The RPA system interacts with the ATS platform, streamlining processes like candidate onboarding and document management. This integration significantly boosts efficiency, minimizes manual tasks, and enhances the precision of HR functions, demonstrating the practicality and value of RPA in HR management.

• MULTIPLE CANCER DETECTION AND DIAGNOSIS WEBAPP USING STREAMLIT AND FLASK

've successfully developed a web application for multiple cancer detection and diagnosis, built using Streamlit and Flask. This platform combines the power of machine learning models to identify various cancer types and provides valuable diagnostic insights. This advancement contributes to more efficient and accessible healthcare solutions, offering early detection and personalized diagnosis for improved patient care.

• PERSONAL FILE TRANSFER WEBAPP USING TELEGRAM BOT

a personal file transfer web application that seamlessly integrates with Telegram bot technology. This solution enables users to securely and conveniently transfer files, enhancing data exchange and accessibility while ensuring privacy and ease of use.

• HAPPYME & ME .COM (A PEROSONAL CLOUD DATA SHARING FLATORM USING GOOGLE CLOUD API)

HappMe&Me.com" serves as a powerful platform for sharing cherished memories and happy moments, offering not only a means of preserving joyful experiences but also providing emotional and psychological support. Users can create, store, and share their happy memories, fostering positivity and well-being while building a supportive community around shared moments of happiness.

• IIOT BASED LONG RANGE ARGICULTURAL DRONE

developed an IIoT-based long-range agricultural drone specialized for pesticide spraying and crop monitoring. This drone integrates IoT sensors and long-range capabilities to provide efficient and data-driven solutions for precise pesticide application and real-time crop monitoring, optimizing agricultural practices for increased yields and sustainability.