

# YADAVAREDDY ROHITH

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📍 Krishna, Andhra Pradesh.



## EDUCATION

Degree	Specialization	Institute	Year	CGP
B. Tech	Artificial Intelligence & Data Science	SR Gudlavalleru Engineering College	2023-2026	8.69
Diploma	Computer Engineering	Sir C R Reddy Polytechnic College	2020-2023	89.29%
SSC	-	Sri Vignan High School	2019-2020	8.0

## Projects

- **Customer Feedback Sentiment Analyzer Using NLP (Python):** [\(GitHub\)](#)  
Built a sentiment classifier using **Python**, **NLTK**, **Scikit-learn**, achieving **87% accuracy** on 20,000+ customer reviews.  
Implemented preprocessing (tokenization, stop words, TF-IDF) reducing noise by **35%**.  
Deployed the model through a **Flask REST API** for real-time predictions.
- **YOLO - Real-Time Object Detection (Data Science):** [\(GitHub\)](#)  
Developed a real-time object detection system using **YOLOv5**.  
Collected, Labeled, and processed datasets for accurate training and evaluation.  
Integrated OpenCV for **fast and efficient inference** suitable for live video feeds.
- **Weather Vision (JavaScript):** [\(GitHub\)](#)  
Created a real-time weather dashboard using the **OpenWeather API**.  
Implemented responsive UI and dynamic updates for seamless user experience.
- **credit-approval-system(Full Stack):** [\(GitHub\)](#)  
Built a full-stack credit evaluation platform with **REST APIs**.  
Created a rule-based decision engine for automated eligibility checks.  
Designed a scalable backend with authentication and modular architecture.

## INTERNSHIPS

- **Cyber Security Intern** [AIMER] **May 2025 – July 2025**  
Built and evaluated image classification and object detection models using Python and TensorFlow, improving model accuracy through preprocessing and tuning.
- **Artificial intelligence & Machine Learning** [SmartBridge & APSCHE] **May 2025 – July 2025**  
Built and deployed ML models, working with supervised and unsupervised learning workflows.  
Worked on end-to-end pipelines including preprocessing, training, and evaluation.
- **Full Stack Development (MERN) Intern** [SmartBridge & APSCHE] currently  
**Developed MERN stack features used by 200+ daily users.**  
Built CRUD operations, authentication, and optimized API performance.  
Collaborated using Git/GitHub and followed modular coding practices.

## POSITIONS OF RESPONSIBILITY

- **Volunteer in Blood Donation Camp:** assisted **500+** donors with registration.
- **Participated in a national plant restoration initiative**
- Served as project team lead, coordinating ML model development.
- Built 3 ML models improving prediction accuracy by **18%**.

## EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Secured **3rd place** in Web Scraping to AI Workshop Competition (SRGEC, Jan 2025).
- Won **2nd place** in Pixel Play (2023) for AI-based creative photo editing.
- Built and showcased projects via a personal [portfolio Website](#).
- Solved **300+ DSA problems** on LeetCode & HackerRank.
- Regular contestant in coding contests.
- Ranked in **top 2%** in the college coding contest.

## TECHNICAL SKILLS

- **Languages:** C++, Python, Java, JavaScript, MySQL, HTML, CSS.
- **Frameworks & Tools:** MERN Stack, Flask, Django, Spring Boot, Git, GitHub, VS Code, Postman.
- **Core CS:** Data Structures & Algorithms, OOP, DBMS, Operating Systems, System Design Basics.
- **Technologies:** REST APIs, Full-Stack Development.
- **Certifications:** Java Full Stack Developer – TalentNext (Wipro); NPTEL – IoT; MERN Stack; Web Scraping with AI