



DEVARAKONDA BALASARAYU

Bachelor of Technology
Artificial Intelligence Data
Science
Lakireddy Bali Reddy College
of Engineering, Mylavam


+91-7075794496

balasarayudevarakonda@gmail.com
[linkedin.com/in/www.linkedin.com/in/balasarayu-devarakonda](https://www.linkedin.com/in/balasarayu-devarakonda)
github.com/balasarayudevarakonda



EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., AIDS	Lakireddy Bali Reddy College Of Engineering	8.2	2026
Diploma	Divi Seema Polytechnic College	8.3	2023
Secondary	Zilla Parishad High School	9.0	2020

EXPERIENCE

- AIMERS**  05/25 - 07/25
Intern vijayawada, India
 - Developed a real-time object detection system using YOLOv5, achieving 92 accuracy in identifying target objects across varied environments.
 - Implemented model optimization techniques (augmentation, pruning), enhancing inference speed by 35 on edge devices.
 - Gained hands-on experience in Python, OpenCV, PyTorch, and real-time video processing.

PROJECTS

- Drone Detection: YOLOv5 Object Detection** 05/25- 07/25
Tools: [Python, YOLOv5, PyTorch, OpenCV] 
 - Developed a real-time object detection system for identifying multiple object classes in live video feeds.
 - Used YOLOv5 to improve accuracy and speed of detection.
 - Created and labeled a custom dataset for training the model.
 - Analyzed model performance using accuracy and detection results.
- Gym Website Development** 10/24
Tools: [html,css,java script] 
 - Designed a responsive landing page and interactive sections for showcasing gym services.
 - Designed clean UI for home, about, and contact pages
 - features for class schedules, membership plans, and online booking functionality.
 - Focused on mobile responsiveness and user-friendly layout.

SKILLS

- Programming Languages**: [Python,c,Java, Webtechnologies(HTML, CSS, JavaScript)]
- Technologies**: [Machine Learning, Deep Learning]
- Tools**: [Gen AI Tools]

CERTIFICATIONS

- Cloud Practitioner**, [Amazon Web Service](#) 2025
- AI Associate**, [Salesforce](#) 2025
- Introduction to IOT**, [NPTEL](#) 2024
- Cyber Security**, [Cisco](#) 2024
- Python Programming**, [Cisco](#) 2024
- GUVI's Skill A Thon**, [GUVI](#) 2024

DECLARATION

- I hereby declare that the information provided in this document is true and accurate to the best of my knowledge.