



Contact



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Academics

Woxsen University | Hyderabad

2021 - 2025 | **B.Tech- DS & AI** 2.8/4.0

Narayana Junior College | Vijayawada, India

2019 - 2021 | **Intermediate** 91.3%

Krishnaveni Talent School | Vijayawada, India

2016 - 2019 | **High School Education** 9.5/10.0

Technical Skills

- Python
- Machine Learning
- Deep Learning
- LLM's (Basic)
- Prompt Engineering (Basic)
- NLP
- Computer Vision

Tools

- MySQL
- Tableau(Beginner)

Professional Skills

- Time Management
- Team Collaboration
- communication skills

Certification

- 2023-04 | **Python for Data Science, AI & Development.**
- 2023-11 | **Machine Learning With Python**

Prakhyath Ponduru

B.Tech- Data Science & Artificial Intelligence

Objective

Undergraduate student passionate about exploring and learning new things, driven by the excitement of working on innovative and impactful projects. I seek opportunities to challenge myself and give my best effort with a growth mindset.

Internship

Centre for Human Security Studies | Jubilee Hills, Hyderabad

ML Research Intern | Feb 2024 - Jun 2024

- Collaborated with a team to develop a deep learning model for real-time ambulance detection in heavy traffic conditions for the Telangana Integrated Command Control Centre (TSICC).
- Integrated an automated alert system to optimize emergency response times at targeted traffic junctions.
- Gained hands-on experience in applying deep learning for object detection, enhancing problem-solving skills in tackling complex urban challenges.
- Developed key skills in machine learning model development, data preprocessing, computer vision, and optimization, strengthening expertise in AI-driven solutions

Projects

Walmart Sales Forecasting (Kaggle, Sales Data Analysis) :

- Analyzed Walmart's sales data to identify top-performing branches, products, and seasonal trends using SQL.
- Optimized data retrieval with indexing, joins, and window functions and created dashboards for insights.
- **SQL, MySQL, Power BI, Data Analysis.**

Smart Traffic Analysis and Prediction :

- Developed a real-time vehicle detection system capable of identifying seven vehicle classes and tracking their movement on two-way lanes.
- **Strengthened expertise in deep learning, object detection, time series forecasting, model optimization, and data analysis using YOLOv8, DeepSORT, XGBoost, Python, Pandas, and OpenCV**

EmoNet (a Deep Learning Project, FER2013 data Project) :

- Crafted and implemented a robust real-time emotional detection framework employing advanced CNN algorithms.
- Successfully Presented the EmoNet Project at the IEEE Conference; improved Skills in Deep Learning, CNN, Python, OpenCV, Tkinter, Real-Time Processing, Project Management, Presentation Skills, and Communication Skills.

Honors & Awards

- Gold Medalist - Maths Olympiad (School Level).
- 2+ Research Papers Published Under Scopus Index (IEEE)
- Overall Championship - School Level