

Navadeep Narasamsetty

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EDUCATION

- **B.Tech — Artificial Intelligence & Machine Learning** Sept 2022 – May 2026
Malla Reddy University, CGPA: 8.96 (Current)
— Coursework: DSA, Computer Networks, Cloud Computing, Web Development, DBMS, OS
- **Board of Intermediate Education** June 2020 – May 2022
Sri Chaitanya Junior College, Percentage: 87.9
- **Board of Secondary Education** Mar 2020
St. Mark's High School, GPA: 10

EXPERIENCE

- **Machine Learning Intern**—Barola Technologies (Remote)— [\[Link\]](#) May 2025
— Applied ML models on structured datasets, improving accuracy by 18%.
— Built optimized data pipelines, reducing preprocessing time by 35%.
— Conducted model training/evaluation, reducing reporting time by 50%.

PROJECTS

- **Season Spot (Real-time via Gemini API)**—Flask, React, Gemini API— [\[Link\]](#) Mar 2023 – Jul 2023
— Seasonal insights application powered by Gemini API for real-time data.
- **Story Generator**—React, Django, PostgreSQL, GPT-2— [\[Link\]](#) Jul 2024 – Dec 2024
— Full-stack app that generates stories from keywords & genre; saves and retrieves stories for edits.
- **AgroAid (Crop & Pest Detection)**—CNN, BERT, FastAPI— [\[Link\]](#) Jan 2025 – May 2025
— Crop disease detection using CNN.
— Text-based pest identification using Naïve Bayes & BERT; multilingual support with LLaMA; backend via FastAPI.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++
- **Frameworks & Libraries:** Flask, React.js, TensorFlow, Keras, Bootstrap
- **Full Stack Development:** HTML, CSS, JavaScript, Node.js, Express.js
- **Databases:** SQL, MySQL, MongoDB
- **Cloud Platforms:** AWS (S3, EC2, Lambda, RDS, DynamoDB)
- **AI & ML:** Neural Networks, Computer Vision, NLP, Model Deployment
- **Data Analytics & Visualization:** Pandas, NumPy, Matplotlib, Power BI, EDA
- **Version Control & Tools:** Git, GitHub, Linux

CERTIFICATIONS & ACHIEVEMENTS

- NPTEL: Deep Learning; Java Programming (IIT Madras & IIT Kharagpur)
- IBM: Data Analysis with Python; Machine Learning with Python
- Johns Hopkins University: HTML, CSS, JavaScript for Web Developers
- 1st Prize — Python Debugging Contest