

# MADDURU MANI TEJA

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## Objective

Motivated and growth-oriented engineer with strong foundational knowledge in programming, web development, and AI-assisted solutions. Seeking a challenging role in a dynamic organization to apply my technical skills, contribute to impactful projects, and grow professionally.

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## Education

<b>G. Pullaiah College of Engineering and Technology</b>	2022 – Present
B.Tech in Computer Science and Engineering (Artificial Intelligence)	CGPA: 9.15
<b>Kendriya Vidyalaya, Kurnool</b>	2022
Senior Secondary Education (MPC), CBSE	82.17%
<b>Kendriya Vidyalaya, Kurnool</b>	2020
Secondary Education, CBSE	90%

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## Projects

**Deepfake Face Detection Using Augmentation-Aware Transfer Learning (Final Year Project)** January 2026 – Present

*Technologies: Python, Deep Learning, ResNet-50, Transfer Learning, OpenCV, JPEG Compression*

- Designed a two-stage deep learning framework for deepfake face image forensics using ResNet-50.
- Trained the model on clean real and fake face images to learn core manipulation patterns.
- Fine-tuned the model with real-world augmentations and JPEG compression at multiple quality levels (30–90).
- Focused on building a compression-robust detector suitable for real-world and social media images.
- Currently working on model evaluation and web-based deployment.

**Health AI Assistant Using IBM Granite LLM**

May – June 2025

*Technologies: Python, IBM Granite 3.3B–2B LLM, Google Colab, Hugging Face*

- Developed an AI chatbot to analyze symptoms and suggest possible diseases.
- Implemented step-by-step health guidance using prompt engineering to improve response accuracy.
- Deployed the application on Hugging Face for real-time access.

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## Technical Skills

**Languages:** Java, Python, C

**AI/ML & Data Science:** OpenCV, IBM Granite LLM (basic proficiency), Replit AI, Cursor AI

**Frontend:** HTML5, CSS3, Bootstrap

**Database:** MySQL

**Platforms & Tools:** Windows, Google Colab, Hugging Face, Git, GitHub

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## Achievements & Certifications

**Competitive Exams:**

- GATE 2025 Qualified (CS & IT)

**Competitive Programming:**

- LeetCode: 1700+ Contest Rating
- CodeChef: Rank 133 in Starters 192

**Technical Certifications & Trainings:**

- Smart Interviews: Smart Coder Certified (Diamond)
- Java Core Programming Certificate – CodeTantra
- IBM: Generative AI with IBM Cloud Internship (June – July 2025)
- Rooman Technologies: Cloud Application Developer Internship (May – July 2025)

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## Behavioral Skills & Languages

Quick Learning, Problem Solving, Collaboration, Adaptability, Communication, Time Management.

Languages Known: English, Telugu, Hindi