

Thanmayee Vaddey

📍 Andhra Pradesh, India 📞 7989029534 ✉️ thanmayeevaddey7989@gmail.com
🌐 [linkedin.com/in/thanmayee-vaddey-23a188287](https://www.linkedin.com/in/thanmayee-vaddey-23a188287)

Education

Swarnandhra Institute of Engineering and Technology, AIML

Nov 2021 – May 2025

- GPA: 7.2/10
- **Coursework:** Artificial Intelligence and Machine Learning, Deep Learning, Computer Architecture, Comparison of Learning Algorithms.

Aditya Junior College, Math, Physics and Chemistry

Jun 2019 – May 2021

- Marks: 907/1000

Experience

Aimers Society, AI Intern

Jun 2024 – Aug 2024

- Engineered AI & ML algorithms to improve processing speed by 30% and eliminate user-reported errors.
- Optimized chatbots for real-time interactions, boosting user engagement by 25%.
- Developed and deployed AI-driven solutions to streamline workflows, reducing latency and improving system efficiency.

Indian Servers Software Development Company, ML Intern

Jun 2023 – Aug 2023

- Developed a Telegram bot that delivers Kabaddi insights in real time, increasing user engagement by 40%.
- Specialized in AI, API integrations, and chatbot development, creating scalable solutions for 100+ users.
- Designed and implemented intelligent automation to enhance user experience and streamline data delivery.

Projects

Detecting and Diagnosing Brain Tumor MRI Image

Tools: Python, VScode

- We developed a hybrid CNN-SVM deep learning model for early brain tumor detection on CT / MRI scans, achieving 93% accuracy through advanced preprocessing and multimetric optimization.
- Automated tumor recognition through real-time image processing pipelines and a clinician-friendly GUI, reducing diagnostic workload by 60% while enhancing scan clarity for faster clinical decisions.
- Validated system on 2,500+ clinical scans, demonstrating consistent performance in identifying aggressive gliomas in the early stages.

Chat-bot Integration with Telegram

Tools: Python, Telegram API

- Developed an AI-powered chatbot that achieves user satisfaction 95% by optimizing information retrieval efficiency and interactive engagement.
- Real-time query resolution designed for 100+ daily interactions using Telegram Bot API, ensuring seamless user experiences with 99.8% uptime reliability.

Hugging Face Models

Tools: Python, NLP, Google Co-lab

- Implemented Hugging Face models for tasks such as visual QA, summarization, and document analysis.
- Engineered a question-answering system that delivers 90% accuracy and real-time performance.

Technologies

- **Languages:** Python, C, Java, HTML/CSS (Intermediate)
- **Developer Tools:** Git, GitHub, VSCode
- **Libraries:** NumPy, Pandas, Torch, CV2