

# ITIKYALA JAITHRINI

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## CAREER OBJECTIVE

A final-year B.Tech student specializing in Artificial Intelligence and Machine Learning, eager to apply my academic knowledge and hands-on project experience in a dynamic, growth-oriented company. Seeking an entry-level opportunity to contribute to real-world solutions while enhancing my technical and problem-solving skills.

## EDUCATION

Bachelor of Technology in [CSE-AI/ML], [Marri Laxman Reddy Institute of Technology], Hyderabad, Telangana (2022 – 2026) | CGPA: 7.4/10

Class XII – [SSC], [Narayana junior College], HYD (2022) | Percentage: 73.6%

Class X – [SSC], [Sri Chaitanya High School], HYD (2020) | GPA: 10/10

## PROJECTS

### • A Novel Time-Aware Food Recommender System based on Deep Learning and Graph Clustering

- Developed a personalized food recommendation system that analyzes user behavior over time using deep learning and graph clustering techniques.
- Improved recommendation accuracy by modeling time-aware eating patterns and grouping similar food items and user preferences.

**Technologies Used:** Python, Deep Learning (TensorFlow/Keras), Graph Clustering, Recommendation Systems, NLP

### • JIA – A Personal Desktop AI Voice Assistant

- Built a desktop-based voice assistant that performs tasks like web search, music playback, email, and more via natural voice commands.
- Implemented speech recognition and text-to-speech to enable real-time interaction, even offline.
- Designed for Indian accents and lightweight enough to run on low-end desktop systems.
- Used open-source libraries to create a cost-effective and extensible solution.
- Enabled automation of daily routines including time updates, note writing, reminder setting, and application launching.

**Technologies Used:** Python, SpeechRecognition, Pyttsx3, Wikipedia API, Webbrowser, SMTP, NLP

## TECHNICAL SKILLS

Languages: C, Java, Python | Web: HTML, CSS, JavaScript

Tools: Git, VS Code | DB: MySQL

## INTERNSHIP / TRAINING

Intern, Central Institute of Tool Design (CITD) – Deep Learning  
(04/2025 – 15/04/2025)

- Completed a government-certified internship focused on Deep Learning, covering neural networks, CNNs, and practical AI applications.
- Worked on building and training simple neural network models using Python and TensorFlow for real-time image and data classification tasks.

## SOFT SKILLS

Teamwork | Self-Learning | Problem-solving | Accountability | Time Management

## CERTIFICATIONS

- [Juniper(Networking cloud Virtual Internship) – [AICTE] (2025)
- [AWS- AI-ML Virtual Internship] – [AICTE] (2025)
- [Java basic, SQL(basic ,intermediate), CSS ] – [Hackerank]
- [Python clean coding, Java Strings] – [Infosys SpringBoard]
- [English] – [EF-set]
- [Certified Technical Architect(CTA)] – [ServiceNow]

## HOBBIES / INTERESTS

Dancing | Video Editing | Exploring New Technologies | Reading Tech Articles)