# VENU THADKAPALLY

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## PROFILE

Hardworking College Student seeking employment. Bringing a motivated attitude and a variety of technical skills. Committed to utilizing my skills to contribute company's mission. Aiming to build a professional career by working with dedicated people in a competitive and structured organizational environment.

## EDUCATION

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|---|---|---|
| 2022 – 2026 | **B-Tech,** CMR Technical Campus, CGPA:7.6 | Hyderabad, India. |
| 2020 – 2022 | **Intermediate,** Masterminds Junior College, CGPA:8.1 | Siddipet, India. |
| 2009 – 2020 | **SSC,** Celestial High School, CGPA:10.0 | Siddipet, India. |

## PROJECTS

**Crime type & Occurrence Prediction using Machine Learning.**

This project focuses on predicting crimes using Machine Learning techniques. It analyses historical crime data to identify patterns, classify crime types, and predict high-risk locations, helping law enforcement take preventive measures. Collected and pre-processed crime data, performed Exploratory Data Analysis (EDA) to identify trends, and implemented ML models like Naïve Bayes, SVM, Decision Trees, Random Forest, and LSTM. Additionally, used geospatial mapping to visualize high-crime areas and evaluated model performance for accuracy. The system assists law enforcement in predicting and preventing crimes, improving resource allocation, and ensuring public safety. By providing real-time crime forecasts, it enables smarter decision-making and helps reduce crime rates.

**Online Ticket Booking System.**

This project is an online system that allows users to search, compare, and book airline tickets easily. Used a Doubly Linked List (DLL) using C++ to efficiently manage bookings, cancellations, and modifications. Implemented features like flight search, secure payments, and user authentication for a smooth experience. Makes ticket booking faster, more convenient, and error-free. Improves efficiency, reduces manual effort, and ensures secure and hassle-free transactions for users.

## CERTIFICATES

- Google Cloud Career Launchpad Data Analyst track.
- Generative AI by Google Cloud.

## SKILLS

### TECHNICAL SKILLS

1. **Languages :** C , C++.
2. **FrontEnd :** HTML , CSS , JavaScript.
3. **DataBase :** MySQL

### SOFT SKILLS

1 . Teamwork
2 . Communication
3 . Problem-Solving

## HOBBIES

1. Playing Cricket
2. Reading & Researching Tech Trends

## LANGUAGES KNOWN

1. English
2. Telugu