

KANDRU SRI SADANA

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EDUCATION

Gitam University, Hyderabad	2021-2025
Computer Science Engineering	CGPA: 8.13
Shirdi Sai Junior College, Rajahmundry	2019-2021
Class XII (BIEAP)	Percentage: 80.9%
The Future Kids School, Rajahmundry	2019
Class X (ICSE)	Percentage: 81.6%

SKILLS

Languages: Java, Python, HTML, CSS

Tools: Jupyter, Colab, Git and Github

Core CS: Operating Systems, DBMS, CN Software Engineering, Cryptography

Data Analytics: Descriptive, Predictive Analytics, AI Fundamentals, Big Data Concepts

WORK EXPERIENCE

AI-ML Intern : AICTE Eduskills

May 2024 - June 2024

- Programmed neural networks using TensorFlow, specializing in Convolutional Neural Networks .
 - Developed object detection systems utilizing ML Kit and TensorFlow Lite.
 - Conducted image searching and classification tasks, applying various types of classification methods
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PROJECTS

CLASSIFICATION AND DETECTION OF LEUKEMIA

- Developed a machine learning-based system for leukemia classification using blood cell images.
- Collected, preprocessed, and augmented image datasets, applying deep learning algorithm ResNet.
- Evaluated models using accuracy, precision, recall, F1-score, and confusion matrix.
- Gained hands-on experience in Python, TensorFlow, Keras, OpenCV, and data visualization tools.

MOVIE RECOMMENDATION SYSTEM USING COSINE SIMILARITY

- Developed a cutting-edge program a kin to Cosine to make movie recommendations.
- The program aims to enhance user experience by recommending films based on their genre or content preferences, Python, Pandas, NLTK, sci-kit-learn, 50% increase in user engagement metrics, 40% increase in personalized movie recommendations effectiveness through cosine similarity algorithm.

WEATHER FORECAST AND ANALYSIS APPLICATION

- Developed a Python application to retrieve and analyze weather data using the Open Weather Map API.
 - The application provides real-time weather information, including current conditions, forecasts for the next five days, UV index, sunrise and sunset times, and moon phases.
 - Implemented features for suggesting appropriate clothing based on temperature and describing weather conditions.
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CERTIFICATES

- Certified in Python Data Structures- University of Michigan (Coursera)
- Intro to Analytic Thinking, Data Science, and Data Mining (Coursera)
- Predictive Modeling, Model Fitting, and Regression Analysis (Coursera)