DUDIMANI TULASI

+91 8522066196 ⋄ Hyderabad, Telangana

Mail ⋄ LinkedIn ⋄ GitHub

`

Motivated BTech graduate in Artificial Intelligence and Data Science with strong proficiency in Python, web technologies, and databases. Seeking a challenging Software Engineer position to apply my problem-solving skills and hands-on experience in AI projects, contributing to the development of innovative software solutions.

EDUCATION

B.Tech – Artificial Intelligence and Data Science   2020-2024

- Jansons Institute of Technology, Coimbatore.
- **CGPA Obtained :** 8.7

12th – Senior Secondary Examination   2018-2020
- Sri Chaitanya Junior College, Tirupati.
- **CGPA Obtained :** 9.79

10th – Secondary Examination   2018
- A.P Model School, Rayachoti
- **CGPA Obtained :** 9.2

SKILLS

Programming Languages	Python
Web Technologies	HTML, CSS
Database	SQL
Tools & Frameworks	Numpy,Pandas,Matplotlib,Jupyter -Notebook, PyCharm, Google-Colab,Excel
Soft Skills	Adaptability, Teamwork, Analytical Skills, LeaderShip.

EXPERIENCE

Data Science - Internship   Jan 2023 - Feb 2023
CodeClause   *Virtual*

- Developed a Customer Segmentation System using Python and machine learning models, enhancing targeting efficiency.

- Assisted in building a predictive model, improving segmentation accuracy by approximately 15-20%.

- Gained expertise in   data collection, cleaning, exploratory data analysis (EDA), and validation techniques.

PROJECTS

1. **Advanced Ai-based age detection and Web content controlling system**- Created an automated system leveraging advanced AI techniques for precise age detection and web content control, enhancing online safety and content suitability. Utilized OpenCV for image processing, neural networks for age prediction, and Playwright for automated web interactions. provide actionable insights for optimizing product placement and marketing strategies.
   Technologies: AI, OpenCV, Neural Networks, Playwright

2. **Market Basket Analysis Using Apriori Algorithm**- Conducted market basket analysis using the Apriori Algorithm to identify frequent itemsets and uncover product relationships in transaction data. Applied data preprocessing, itemset generation, and association rule creation to provide actionable insights for optimizing product placement and marketing strategies.
   Technologies: Python, Apriori Algorithm, Data Mining.

3. **Traffic Sign Recognition With Gui** - Developed a Python-based platform for traffic sign recognition, incorporating a Tkinter GUI to enhance user interaction and usability. Implemented image processing techniques for accurate traffic sign recognition, providing an intuitive interface for users.
   Technologies: Python, Tkinter, OpenCV

CERTIFICATES

- TCS ION Career Edge-Young Professional Course.
- SQL Fundamentals certification by Udemy.
- Python crash course by Udemy.