THRISHALI KOTAGIRI

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A meticulous and organized upcoming graduate seeking an Entry-level position in the field of Project Management. Innovative, creative, and willing to contribute ideas and learn new things.

EDUCATION

Bachelor of Technology(B.Tech)   2025
Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology
Artificial Intelligence and Data Science
CGPA: 7.8

Diploma in Computer Science   2022
Government Polytechnic Warangal
CGPA: 9.57

SKILLS

- Programming Languages: Python,Java,C
- Front-end Technologies: HTML,CSS, Javascript
- Object Oriented Programming
- Data Structures and Algorithms
- Data Science and Machine Learning
- DataBase Management System(SQL)

CERTIFICATIONS

- Python for Data Science and Machine Learning Bootcamp- Udemy
- Natural Language Processing- NPTEL
- LINUX for Beginners- Infosys Springboard
- Industrial Training - IRA OM Technologies

PROJECTS

- ❖ Sign Language Detection
  - ➢ Engineered a cutting-edge sign language gesture recognition system leveraging computer vision algorithms; reduced communication barriers and enhanced accessibility for individuals with hearing disabilities, resulting in a 50% increase in effective communication.
  - ➢ Analyzed project initiatives that significantly reduced costs compared to conventional methods, demonstrating strategic efficiency and cost-effectiveness.
  - ➢ Technology Stack: Open CV, Convolutional Neural Networks, Tensorflow
- ❖ Hypothyroid Prediction in Females
  - ➢ Developed a gender-specific algorithm, enhancing accuracy with 90% and sensitivity in predicting thyroid disorders , resulting in more targeted treatment plans and improved patient outcomes.

- ➢ Technology Stack:Data Handling and Cleaning,SMOTE, Machine Learning Algorithms: SVM, KNN, Random forest etc. but implemented Random Forest which increased accuracy of 90%.

ACHIEVEMENTS

- ❖ Paper Presentation
  - ➢ *Selected to participate in VNRVJIET's Annual Technical Symposium, CONVERGENCE 2023, demonstrating recognition for notable achievement.*
  - ➢ *Delivered an engaging paper presentation on cloud computing seamlessly incorporating references from influential research papers, showcasing a comprehensive understanding of the subject matter.*

- ❖ E-yantra Innovation Challenge-2023
  - ➢ *Collaborated with a 5-member team and selected for the prototyping sprint round*
  - ➢ *Engaged in development of an Alarm based AI- Drone with Payload Mechanism with a focus on disaster management applications as the primary domain in our project.*
  - ➢ *Successfully completed 30-40% of the project, demonstrating strong project initiation and execution capabilities. Actively engaged in ongoing efforts to advance the project further, showcasing dedication and perseverance in achieving project goals.*

- ❖ Bronze Medalist at South Zone National Aquatic Championship in Swimming (2016)

CODING PLATFORMS

- Hackerrank
- Codechef
- Leetcode

HOBBIES AND INTERESTS

- Passionate about artistic pursuits, I engage in drawing, video editing, and poster making during my spare time.
- Passionate about photography with a focus on building a prominent profile in stock imagery. Actively engaged in creating high-quality, marketable content for stock platforms to establish a notable presence in the photography industry.