CHARAN TEJ REDDY YANAMALA

Hyderabad

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Personal Profile

Aspiring professional seeking an entry-level position in a dynamic and progressive company. Eager to contribute to the design and development of impactful software, leveraging my skills in machine learning and data analysis to support the company's growth. As a fresh graduate, I am enthusiastic about applying my academic knowledge and project experience to real-world challenges and opportunities.

Education

Malla Reddy University *Hyderabad, Telangana*
B.TECH in CSE(AIML) *Sept 2020 - Current*
- **Aggregate CGPA: 8.48**

Sri Chaitanya Jr College *Tirupati, India*
Intermediate *June 2018 - March 2020*
- **Aggregate points: 9.6**
- Specialized in Maths, Physics, and Chemistry

Sri Chaitanya Techno School *Madanapalle, India*
High School *June 2017 - Apr 2018*
- **Aggregate points: 8.3**

Internships

AICTE AI-ML Virtual Internship 🔗 *India*
AICTE Supported by AWS Academy *May 2023 - Jul 2023*
- **Successfully completed AICTE-sponsored virtual internship focused on Artificial Intelligence and Machine Learning**
- **Acquired a strong foundation in AI/ML concepts and techniques, including machine learning, deep learning, natural language processing**
- **Strengthened problem-solving, critical thinking, and collaboration skills and earned an AICTE-issued internship completion certificate.**
- **Technical Skills:** Python, NumPy, Matplotlib, Pandas, Machine Learning, AWS Cloud Services, Data Preprocessing and Analysis, Model Evaluation and Optimization
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills

University Projects

Multi-Lingual Text Summarization Using Spacy in NLP 🔗 *Hyderabad, Telangana*
Malla Reddy University *Feb 2023 - June 2023*
- **Developed and deployed a multilingual text summarization solution using Spacy and Flask.**
- **Generated concise summaries in multiple languages, showcasing proficiency in NLP and web development.**
- **Technical Skills:** matplotlib, numpy, NLTK, Spacy, Seaborn, machine learning, Natural Language Processing.
- **Soft Skills:** Report writing, Logical Thinking, Critical Thinking.

Classification of DDoS Attacks 🔗 *Hyderabad, Telangana*
Malla Reddy University *Oct 2022 - Dec 2022*
- **Developed a classification system to distinguish between malicious and benign traffic in SDN environments.**
- **Utilized Python with Pandas, numpy, matplotlib, Seaborn, and machine learning algorithms for analysis.**
- **Technical Skills:** Python with Pandas, numpy, matplotlib, Seaborn, machine learning.
- **Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

Startup Profit Prediction Using Machine Learning 🔗 *Hyderabad, India*
Malla Reddy University *Feb 2022 - Apr 2022*
- **Analyzed a dataset of 50 start-up companies to predict profitability using supervised learning techniques.**
- **Implemented machine learning models in Python and Jupyter Notebook for predictive analysis.**
- **Technical Skills:** Python, machine learning, Jupyter Notebook.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

Skills

Programming	Data Structures, Algorithm Analysis and Design, Java (basic), Python
Data Analysis and AI Technologies	Machine Learning, Deep Learning, Natural Language Processing, Data Visualization
Front-End and Back-End Frameworks	HTML, CSS, Flask
Databases	SQL, MongoDB
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation

2024	**Microsoft AI-900, Azure AI Fundamentals**	
2023	**IBM, Python for Data Science, AI and Development**	
2023	**INTEL, Data Platform, Cloud Networking and AI in the Cloud**	
2022	**AWS, AWS Academy Graduate - AWS Academy Cloud Foundations**	
2022	**NPTEL, Deep Learning National Programme on Technology Enhanced Learning Exam**	
2021	**Coursera - Duke University, Programming Foundations with JavaScript, HTML and CSS**	

Publications

Multi-Lingual Text Summarization Using Spacy in NLP 🔗
Hyderabad, Telengana

Malla Reddy University
Nov 2023 - Jan 2024

- Recognized by the International Journal of Creative Research Thoughts (IJCRT) for the publication of "Multilingual Text Summarization using SpaCy and Flask" in Volume 12, Issue 2, February 2024. The paper, indexed in IJCRT with a 7.97 Impact Factor by Google Scholar, was published on 07-February-2024 and holds UGC approval with Journal No: 49023 (18).

Heart Disease Prediction Using Machine Learning 🔗
Hyderabad, India

Malla Reddy University
Aug 2023 - Oct 2023

- Developed a novel machine learning model for heart disease prediction, achieving high accuracy rates. Published in the International Journal of Enhanced Research in Science, Technology and Engineering. ER Publications ISSN: 2319-7463, New Delhi, India.

Interests

Reading	**Exploring Knowledge:** I find solace in the world of books. Recently, delved into "The Power of Subconscious Mind" expanding my understanding of the human psyche.
Art	**Creative Expression:** Sketching has been a lifelong passion, offering a creative outlet for self-expression and imagination.
Video Games	**Gaming Enthusiast:** Embracing my gaming prowess, I navigate virtual realms on mobile and PC platforms, immersing myself in diverse gaming experiences.
Swimming	**Aquatic Exploration:** From age 12, drawn to the tranquility of water. Exploring submerged landscapes while holding my breath evokes exhilaration and accomplishment.

Languages

English	Professional Proficiency
Hindi	Basic Proficiency
Telugu	Native Proficiency