

TARUNI CHALLA

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CARRIER OBJECTIVE

Computer Science Engineering with specialization of Artificial Intelligence and Machine Learning student with a strong foundation in software development and system design. I consider myself a responsible and organized individual, eager to enhance my work experience in this field. Passionate about leveraging AI/ML technologies to solve real-world problems and contribute to innovative software solutions. Seeking opportunities to apply my technical skills and continue learning in a dynamic and collaborative environment.

EDUCATION QUALIFICATIONS:

Degree	Institution/College	Year of Passing	Percentage
B.Tech(CSE)	Malla Reddy University-Hyderabad	2026	8.31
Intermediate	Sreenidhi junior college Madhira, Telangana.	2022	83
SSC	Bharath school Madhira, Telangana	2020	100

TECHNICAL SKILLS:

Front End Technologies: JavaScript, HTML, CSS

Back End Technologies: Java, Python, MySQL

Soft Skills: Team work, Communication, Critical Thinking, Problem-Solving

CERTIFICATIONS:

Coursera Certifications:

- **Python Basics**(University of Michigan)

Gained foundational knowledge in Python programming, covering topics like data types, control structures, and functions.

- **Introduction to Relational Databases**(University of Michigan)
Acquired understanding of relational database concepts and SQL for data manipulation.

Cloud Computing Certificates:

- Completed **AWS Academy Cloud Foundations** course, gaining foundational knowledge of AWS cloud concepts, services, and best practices.
- Completed **AWS Academy Cloud Operations** course, focusing on cloud infrastructure management, monitoring, automation, and operational best practices using AWS services

INTERNSHIPS:

Python Programming(Micro IT):

Experience: Gained hands-on experience in Python Programming and its libraries, including Pandas and NumPy.

WORKSHOP:

NLP(Natural Language Processing): Experienced in Natural Language Processing (NLP), with hands-on expertise in text preprocessing, sentiment analysis, named entity recognition (NER), text classification, and language modeling. Proficient in using NLP libraries such as NLTK, spacy, Hugging Face Transformers, and implementing deep learning models using TensorFlow/PyTorch.

ACADEMIC PROJECT DETAILS:

- **I Implemented a project like Smart Parking System**

Title : SMART PARKING SYSTEM USING MACHINE LEARNING

Aim: With rapid urbanization and the growing number of vehicles, efficient parking management has become a critical challenge in modern cities. This project focuses on developing a smart, predictive parking system using machine learning techniques to enhance parking space utilization. By analyzing real-time data such as occupancy status, weather conditions, and local events, the model predicts parking slot availability with high accuracy. This intelligent system aims to reduce congestion, improve urban mobility, and provide a scalable solution for smart city infrastructure.

- **I implemented a project like Gab a Bite**

Title: GRAB A BITE

Aim: “*Grab a bite*” is a food delivery app created to make ordering food easier and more convenient for users. It allows customers to browse their favorite meals, place orders, and get food delivered quickly. The app includes secure payment options to handle money transactions safely. Using tools like Tkinter, we designed a simple and user-friendly interface that connects customers

with food providers smoothly. This project aims to improve the overall food ordering experience with smart features and a reliable system

➤ **I Implemented a project like A Voice-Activated Smart Home Control**

Title: VOICE-ACTIVITED SMART HOME CONTROL

Aim : The Voice-Activated Smart Home Control System is designed to provide a seamless and hands-free way for users to interact with and manage household devices. By integrating with smart voice assistants like Amazon Alexa, Google Assistant, or Apple Siri, the system allows users to perform tasks such as adjusting lighting, controlling temperature, locking doors, and playing music through simple voice commands. This technology not only enhances convenience and accessibility but also contributes to energy efficiency and home security. It represents a step toward smarter, more connected living environments tailored to modern needs.

HOBBIES:

- Travelling
- Playing sports
- Dancing

STRENGTHS:

- Confidence
- Problem Solving
- Team Work

PERSONAL INFORMATION:

Date of Birth : 22-11-2004
Gender : Female
Father's Name : Challa SrinivasaRao
Nationality : Indian
Address : H NO. 1-913, Beside CM Towers, Madhira, Khammam Dist, Telangana 507203
Languages Known : Telugu and English
Aadhar No : 3774 9114 3915

DECLARATION:

I here by declare that the above mentioned information is true to the best of my knowledge and that I will be responsible for any deviation from the truth of these facts.

PLACE: HYDERABAD

DATE: 13-07-2025