



R.CHARANTEJ REDDY

Roll No.: 22EEBoB16

B. Tech

Electrical and Electronics Engineering

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EDUCATION

• National Institute of Technology, Warangal	2022-26
B. Tech, Electrical and Electronics Engineering.	CGPA: 8.71
• National Institute of Technology, Warangal	2023-26
Minor in Applied and Computational Mathematics.	CGPA: 9.5
• Narayana Jr College	2020-22
Telangana Board of Intermediate Education	Percentage: 98.1
• St. Joseph's Public School	2020
CICSE/ISCE	Percentage: 91

PERSONAL PROJECTS

- **Education Management System (WhatsApp Bot):**
Description: Developed a comprehensive education management system using Python to streamline administrative tasks, manage student information, and enhance communication between educators and students.
Key Features: Student and staff information management Scheduling and timetable management Communication tools for announcements and notifications
Technologies Used: Python, Flask, SQLite
- **Stock Price Prediction and Analysis App:**
Description: Created a Streamlit application to forecast stock prices and deliver in-depth analysis using machine learning and generative AI models.
Key Features: Stock Price Prediction, Dynamic Analysis, Real-Time News Integration.
Technologies Used: TensorFlow, Keras(LSTM) , Streamlit ,Yahoo Finance, Google Generative AI via LangChain , SerpAPI.
- **Response Chat Bot(NLTK):**
Description: Developed an intelligent chatbot using Python and the Natural Language Toolkit (NLTK) to provide automated responses and handle user interactions based on natural language understanding.
Key Features: Natural language processing for understanding user inputs Response generation using predefined rules and machine learning models
Technologies Used: Python, Stream Lit, NLTK, Regular Expressions, Basic Machine Learning Techniques.
- **Calculator Application (Flutter) :**
Description: Developed a fully functional calculator application using Flutter, designed for intuitive and efficient mathematical operations.
Key Features: User-friendly interface with buttons for basic arithmetic operations (addition, subtraction, multiplication, division) Real-time display of input and calculated results Support for handling both integer and decimal numbers Error handling for invalid inputs and division by zero History of previous result
Technologies Used: Dart, Flutter.

TECHNICAL SKILLS

Languages: C++, Python, Dart, HTML, CSS, JavaScript, ReactJS, ExpressJS.

Technologies: SQL, Flutter.

Soft Skills: Problem Solving, Strong Communication Skills, Adaptability, Time Management.

Coursework: Data Structures and Algorithms, Foundational Machine Learning and Generative AI.

COURSES And CERTIFICATIONS

- **Flutter & Dart-The Complete Flutter App Development Course-Udemy**
- **Foundational Generative AI-Free Code Camp**
- **Full Stack Development Course- Mimo**

ACHEIVEMENTS

• Earned Merit Cum Means Scholarship issued by NITW based on academic performance	2023
• Earned Merit Cum Means Scholarship issued by NITW based on academic performance	2024
• S Grade in Problem Solving through Computer Programming	2023
• S Grade in Data Structure and Algorithms	2024
• S Grade in Statistics for Data Science	2024