# Narendra Vanapalli

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## EDUCATION

**UNIVERSITY COLLEGE OF ENGINEERING,JNTUK**
Btech in Electronics and Communication Engineering
Expected Graduation: June, 2024

**INDIAN INSTITUTE OF TECHNOLOGY MADRAS**
BS in Programming and DataScience
Diploma in Programming
2023 - Present

**TIRUMALA JUNIOR COLLEGE**
Intermediate in MPC
Grad. April 2020| Percentage:94.5

## COURSEWORK

**UNDERGRADUATE**
Database Management Systems
Object Oriented Programming

## SKILLS

**PROGRAMMING**
• Intermediate:- Python
• Beginner:- C++ | SQL

**TECHNOLOGIES**
• HTML | CSS | JavaScript
• Flask Framework

**TOOLS**
• Git (Basic) | Jupyter Notebook

## ACHIEVEMENTS

• Statae Rank 1717@ EMCET 2020
• 5-star Python coder on HackerRank.

## PERSONAL SKILLS

• Having Leadership Qualities
• Ability to work under pressure
• Comfortable Working independently

## HOBBIES

• Video Editng
• Graphic Designing

## LANGUAGES

English - Professional Working Proficiency
Telugu - Native Language

## PROJECTS

**TECH MARKETPLACE WEB APPLICATION**  IITM
• Developed a web application using Flask framework and SQLite database.
• Enabled users to register, buy, and sell tech products in a marketplace environment.
• The application features user authentication, product management.

**INTEGRATED ACCIDENT PREVENTION SYSTEM**  UCEK
• Developed an Arduino-based system to enhance road safety by monitoring driver fatigue, alcohol impairment, and headlight intensity.
• Designed and programmed the circuit using Arduino UNO and various sensors.
• Aimed to prevent accidents by addressing critical safety issues and improving driving conditions.

**FRONTEND REPLICATION OF GALAXE LAUNCHPAD**  Galaxe
• Replicated the frontend interface of Galaxe Launchpad during the internship at Galaxe Solutions by closely observing the original platform.
• Focused on recreating the user interface and visual elements with precision.
• Gained hands-on experience in front-end web development,HTML and CSS

**VOICE ACTIVATED PERSONAL ASSISTANT**  Personal
• Developed a voice-controlled personal assistant "Jarvis" using Python.
• Integrated speech recognition for command input and pyttsx3 for audio output.
• Implemented features including web browsing, Wikipedia search, music playback, and email sending capabilities.

## EXPERIENCE

**GALAXE SOLUTIONS |INTERN**
Feb 2024 - Apr 2024
• Explored fundamental concepts of Database Management Systems (DBMS) and SQL, enhancing my ability to design and manage databases effectively.
• Learned Object-Oriented Programming (OOP) concepts, which are fundamental to building robust and maintainable code.
• Strengthened my skills in web development, particularly in JavaScript, gaining hands-on experience and building basic projects, and honed my proficiency in HTML and CSS to create visually appealing interfaces.

**BHARAT ELECTRONICS LIMITED |INTERN**
May 2023 - June 2023 | Machilipatnam
• Gained insights into the day-to-day operations and processes of Bharat Electronics Limited, a leading defense electronics company.

## CO CURRICULAR ACTIVITIES

NSS-JNTUK  - Organising blood donation camps,Rallies,Plantation

IETE Membership  - Member of IETE

Member of ASSET  - One of the Event co-ordinator

## CERTIFICATES

Foundational level certificate in Programming and Data Science from IIT MADRAS