

# 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**  
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++

### TECHNOLOGIES

- HTML | CSS
- Flask Framework | SQL

### TOOLS

- Git (Basic) | Jupyter Notebook

## ACHIEVEMENTS

- AIR 3945@ GATE EC2023
- 5-star Python coder on HackerRank.

## PERSONAL SKILLS

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

## HOBBIES

- Video Editng
- Graphic Designing

## LINKS

Github:// **Narendra-9**  
LinkedIn:// **narendra-vanapalli**

## 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.

### VOICE ACTIVATED PERSONAL ASSISTANT Personal

- Developed a voice-controlled personal assistant "Jarvis" using Python.
- Integrated speech recognition for command input and pytsx3 for audio output.
- Implemented features including web browsing, Wikipedia search, music playback, and email sending capabilities.

### 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

### 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.

## 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 UI/UX design, and honed my proficiency in HTML and CSS to 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