

Patlolla Nishanth Reddy

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🌐 Nishanth Reddy

CAREER OBJECTIVE

Enthusiastic Electronics and Communication Engineering graduate with a foundation in AI/ML, seeking an entry-level role to apply my skills in programming, embedded systems, and signal processing while continuously learning and growing in a dynamic environment.

EDUCATION

- **Bachelor of Technology in Electronics and Communication Engineering, JNTUH.** 2022-26
Vardhaman College of Engineering, Shamshabad CGPA: 8.1
- **Intermediate in MPC, Telangana Board of Intermediate Education (TGBIE).** 2020-22
Sri Chaitanya Junior College, Attapur CGPA: 8.9
- **Tenth Class, Telangana Board of Secondary Education (BSET).** 2020
Sri Chaitanya Techno School, Suncity CGPA: 9.2

ACADEMIC PROJECTS

- **Speech Emotion Detection Recognition** January - March 2025
 - Role: Developed a real-time emotion recognition system using Python, CNN, and RNN, achieving 85 percentage accuracy on diverse datasets.
 - Integrated feature fusion techniques to improve adaptability across accents, genders, and age groups, reducing bias by 20
 - Enabled real-time emotion visualization, enhancing user interaction and feedback.
 - Technology Used: Python, CNN, RNN, TensorFlow, Keras.

INTERNSHIP

- **Machine Learning Intern** Aug - Sep 2024
Cognify Technologies Online
 - Role: Implemented and trained machine learning models using algorithms such as Random Forest, SVM, and Neural Networks, achieving 90 percentage model accuracy.
 - Optimized model performance by experimenting with hyperparameters and architectures, reducing training time by 15 percentage.
 - Utilized Python libraries (NumPy, Pandas, Scikit-learn) for data preprocessing and analysis.

KEY SKILLS

Languages: C, Python, Java

Libraries : Pandas, NumPy, Matplotlib, Seaborn, Power BI

Databases: MongoDB, Relational Database(mySql)

Relevant Coursework: Database Management Systems (DBMS), Cloud Computing, Operating Systems, Object-Oriented Programming, Signal Processing

SOFT SKILLS

Leadership Qualities, Effective Team member, Self-learning, Adaptability

CERTIFICATES

- **Artificial Intelligence Certification**, Rinex, Dec 2022.
- **Data Analytics with Python**, Swayam, NPTEL, Jan - April 2024.
- **Programming in Java**, Swayam, NPTEL, Feb - May 2025.

EXTRACURRICULAR ACTIVITIES

- Maintained regular attendance and punctuality.
- Completed academic and project work on time.