

Vemavarapu Suryateja

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Address: Nandigama, NTR District, Andhra Pradesh - 521185

Career Objective

Dedicated and adaptable ECE graduate eager to learn and grow in a professional environment. Strong willingness to explore new technologies, contribute effectively in team projects and develop practical industry skills

Education

B. Tech (Electronics & Communication Engineering) 2021-2025 | 67%

Velagapudi Ramakrishna Siddhartha Engineering College

Intermediate 2019-2021 | 94%

Deeksha Junior College

Secondary 2018 | 87%

A.V.R.P.M Little Angles English Medium School

Projects

Human activity detection using conv-LSTM

- Built a deep learning model to identify human activities from video data using Conv-LSTM
- Used CNN to extract features from video frames and LSTM to understand movement over time.
- Trained the model using Python and basic deep learning concepts to classify activities like walking and sitting.
- Gained hands-on experience in machine learning, video processing, and model evaluation

Prediction of diabetes using Machine Learning

- Developed a machine learning model to predict diabetes based on patient health data.
- Performed data preprocessing such as handling missing values and feature scaling to improve model performance.
- Trained and tested algorithms like Logistic Regression and Decision Tree using Python.
- Evaluated model performance using accuracy and confusion matrix, gaining practical ML experience

Internship

Slash Mark

- Developed a Conv-LSTM based model to recognize human activities from video data.
- Used CNN for feature extraction and LSTM for motion analysis, gaining hands-on experience in deep learning and video processing.
- Trained and evaluated the model using Python, improving understanding of machine learning workflows and model performance

Technical Skills

- **Programming:** Python
- **Database:** SQL, MySQL
- **Web Technologies:** HTML, CSS
- **Testing:** Manual testing, test case preparation
- **Tools:** Git, GitHub, VS Code

Strengths

- Communication Skills
- Adaptable
- Written & Verbal Ability
- Quick Learner

Certificats

- **Python Programming** – Udemy
- **Data Structures** – NPTEL
- **Networking Essentials** – Cisco
- **Machine Learning** – IEEE
- **Internship Certificate** – Slash Mark

Hobbies

- Playing Shuttle
- Solving Puzzles

Languages

- Telugu
- English