

# Vemavarapu Suryateja

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Address: Nandigama, NTR District, Andhra Pradesh - 521185

## Career Objective

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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

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<b>B. Tech (Electronics &amp; Communication Engineering)</b>	<b>2021-2025   67%</b>
Velagapudi Ramakrishna Siddhartha Engineering College	
<b>Intermediate</b>	<b>2019-2021   94%</b>
Deeksha Junior College	
<b>Secondary</b>	<b>2018   87%</b>
A.V.R.P.M Little Angles English Medium School	

## Projects

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### 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

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### 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

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

## **Strengths**

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

## **Certificates**

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

## **Hobbies**

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- Playing Shuttle
- Solving Puzzles

## **Languages**

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- Telugu
- English