

# SRIDHAR GURRAM

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Seeking to leverage my technical expertise and creative problem-solving abilities to serve as an integral part of a successful software engineering team and create innovative, high-quality software solutions.

## SKILLS

- **Technical skills:** Python, SQL
- **Communication skills:** Written and oral communication: English, Telugu, Hindi
- **Soft skills:** Effective communication, Active listening, Willingness to learn, Critical thinking, Adaptability, Time management and Problem solving

## EDUCATION

<b>RVR and JC College of Engineering</b> Bachelor's Degree in Electronics and Communication, CGPA: 73%	<i>Guntur, AP   07.2021 - 05.2025</i>
<b>Narayana Junior College</b>  12 <sup>th</sup> class BIE – AP: 89%	<i>Vijayawada, AP   07.2019 - 05.2021</i>
<b>Z.P.HighSchool</b>  10 <sup>th</sup> class BSE-AP : 92%	<i>Velpur, AP   06.2018 - 05.2019</i>

## PROJECTS

### Brain Tumour Detection and Classification Using GRB-KSVM:

- Technologies Used: Python, Support Vector Machine (SVM), Gaussian Radial Basis Kernel, Principal Component Analysis (PCA), Discrete Wavelet Transform (DWT), Gray Level Co-occurrence Matrix (GLCM)
- Developed a machine learning model for MRI brain tumour classification using GRB-KSVM.
- Extracted key MRI image features (contrast, correlation, energy, homogeneity) using GLCM and optimized feature selection with DWT and PCA.
- Achieved high classification accuracy by distinguishing between normal and abnormal brain images using a Kaggle brain tumour dataset.
- Compared performance of GRB-KSVM with Artificial Neural Networks (ANN) to evaluate effectiveness.

### Data Visualization Project: IRIS DATASET

- **Tools:** Excel, Power Bi
- To visualize and explore the Iris dataset to understand the relationship between different features.
- **Responsibilities:**
- Loaded and pre-processed the iris dataset.
- Conducted exploratory data analysis to understand the dataset.
- Implemented interactive visualisations using plotify to enhance data exploration.

## CERTIFICATIONS

- **Introduction to Internet of Things:- NPTEL**
- **Sensors and Actuators: NPTEL**

## INTERNSHIP

- **Introduction to python - INTERSHALA**