**SRIPATHI RAVI KUMAR**

**PROFILE**

An enthusiastic university student passionately pursuing B.Tech degree in Computer

Science and Engineering. Seeking to secure a challenging position in a reputable

organization to expand my learnings,knowledge and skills.

**EDUCATION**

* **B.Tech Computer Science and Engineering**

**CGPA – 6.78 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 89% **2019**

Institution:

* **Class 10** – 93% **2017**

Institution:

**TECHNICAL INTERESTS**

Machine Learning, Data Science

**PROJECTS**

**Car Number Plate Recognition**   
Duration/Period: December 2021 (4 weeks)   
Objective: To make a machine which extracts the text from a number plate of a car.

Tools or techniques used: TensorFlow, EasyOCR, Kaggle dataset   
Outcome: A machine learning model which extracts the text from a car number plate and gives it as the output.

**Slang word definition generation**   
Duration/Period: May 2022 (2 weeks)   
Objective: To generate the definition of any new slang word using the word embedding. Tools or techniques used: Word2Vec embedding, slang words dataset from Kaggle, Jupyter notebook.

Outcome: If a new slang word is given as input along with the sentence it is used in, the machine takes all the neighboring words to it and applies the Word2Vec embedding on them to give the most similar word in the dataset. Hence the output gives the definition of the similar word as the new word’s definition

**Library management system**   
Duration: 2 Months (June 2021- July 2021)   
Objective: to design UI,documentation Using cpp   
Tools Used: VS code, platform-windows, language-c++   
Outcome: The project was designed for a library management system to effectively manage the time.

**TECHNICAL SKILLS**

Python, C, C++, tensorflow

**LANGUAGES**

English, Hindi, Telugu

**ACHIEVEMENTS & HONOURS**

Inspire Awards

Details: Designed a Model creating electricity using zinc plates on footpath.

When & Where: 2016, Guntur AP