

Hemanth Kumar CS

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SUMMARY

An independent and self-motivated student with proven ability and experience in developing Machine Learning and Data Science projects with DS and Algo. I have also participated in various competitions of competitive programming. Recognized by professors, colleagues, and peers as a personable, dedicated performer who demonstrates innovation, communication, and teamwork to ensure quality, and timely project completion. Won 2nd Runner up in Robotics Club Competition.

SKILLS

Languages	: Python
Libraries	: Numpy, Pandas, Matplotlib, Seaborn, Tensorflow, Pytorch, OpenCV, NLTK
Databases	: Spark, SQL
Technologies	: MLOps, AWS, Git, Docker, Linux, Power BI

STRENGTH

Positive Attitude	: To progress positively under all circumstances with conviction and maturity in approach.
Adaptability	: To adapt accordingly under the application of adverse or pressure conditions without deviating from critical to quality concerns.
Enthusiasm for Learning	: Endlessly strives to learn through different activities.

ACHIEVEMENTS

- Published in **Intellectual Patent Rights** titled as **AI in Public Distribution System**
- Presented and Published in **International Conference(ICEES 2022)** titled as **Face Recognition and Biometrics in PDS**
- Presented and Published in **International Conference(ICCET 2023)** titled as **Economical Autonomous Navigation system for mobile robots in Scopus**
- Won **2nd runner up in Robotics Club Competition**

EDUCATION

Sri Sairam Institute of Technology <i>Bachelor of Technology in Artificial Intelligence and Data Science</i>	West Tambaram, Chennai CGPA: 8.03
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PROJECTS

<u>Wine Quality Prediction WebApp</u>	<i>ElasticNet regression, Flask, HTML, CSS, Docker, AWS</i>	WebApp and Source Code
<ul style="list-style-type: none">• The Prediction is performed using the ElasticNet Regression model.• CI/CD Deployment is done and hosted in AWS(EC2)		
<u>Fake news Detector Bot</u>	<i>Python, lamma, news api, bot api</i>	Source Code
<ul style="list-style-type: none">• The news-API searches the news throughout the web• Using the Telegram-Bot API from streamlit the bot executed in the telegram and gives whether the news is real or fake and its related articles.		
<u>Newspaper Segmentation using YOLO</u>	<i>Python, Tensorflow, Darknet, YOLO weights</i>	Source Code
<ul style="list-style-type: none">• The dataset is created using LabelStudio with four classes namely Headline, Logo, Image, Text• Some configurations are made to the yolov3 .cfg file according to the dataset. The trained model is exported in .weight file using which the prediction are made for the test data		