

# SREEHARSHA MUTTAMATAM

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## OBJECTIVE

As an AI/ML enthusiast with expertise in data science, machine learning, and software engineering, I am eager to apply my skills to real-world projects. I excel in collaborative environments and have experience leading AI initiatives and developing machine learning models. My goal is to leverage my expertise to drive innovation and deliver impactful solutions in the AI field.

## EDUCATION

### B.Tech, Artificial Intelligence and Data Science

Saveetha School of Engineering, India

2021- Present · CGPA: 9.0/10

*Relevant Coursework:* Machine Learning, Computer Vision, Natural Language Processing, Data Structures, Cloud Computing, Python Programming, Neural Networks, Big Data Analytics

## EXPERIENCE

### AI/ML Lead

Aug 2024 to Present

*Google Developer Group- SIMATS, India*

Spearheaded development of advanced AI/ML models for predictive analytics and computer vision applications  
Orchestrated workshops and knowledge-sharing sessions on cutting-edge AI/ML technologies

### Machine Learning Intern

May 2024 to Nov 2024

*Team Infits- Remote*

Engineered scalable ML solutions for enterprise clients  
Developed custom AI model architectures for specific business requirements

### Data Science Intern

Apr 2024 to May 2024

*CodeAlpha, Online*

Developed LSTM-based time series models for stock market prediction

### AI/ML Intern

Jan 2024 to Mar 2024

*Innovate, Online*

Implemented real-time computer vision system using OpenCV and Haarcascades

## CERTIFICATIONS

- Oracle Certified - Cloud Infrastructure 2024 Generative AI
- Fullstack Java TalentNext - Wipro
- Python Certification - Kaggle, HackerRank, Codechef
- Machine Learning Specialization - Coursera
- Data Science: Python for Data Analysis - Udeemy
- Prompt Engineering for Chat GPT - Coursera
- Cambridge English Certification

## SKILLS

**Programming Languages:** Python, Java, C, C++, JavaScript, SQL, HTML, CSS, R

**Technical Expertise:** Machine Learning, Deep Learning, Neural Networks, Computer Vision, Data Science, OCR, NLP, Statistical Modeling

**Frameworks/Libraries:** TensorFlow, PyTorch, Keras, Scikit-learn, OpenCV, NLTK, Spacy, NumPy, Pandas, Matplotlib, Seaborn

## PROJECTS

### Whisper Hindi ASR Model



Engineered automatic speech recognition model for Hindi using Whisper

Implemented WER calculation for performance evaluation on Kathbath dataset

### Package OCR System



Developed robust OCR system for automated package weight detection

Implemented intelligent unit standardization algorithms

### Tomato Quality & Packet Details



Integrated advanced OCR and LLM technologies for quality assessment

Optimized agricultural quality control processes

### Agrestart



Architected comprehensive agricultural analysis platform

Implemented ML-based disease and pest detection systems

### Garbage Type Detection



Developed multi-model classification system

Implemented ensemble of 6 different neural networks

### ISRO Sentiment Analysis



Conducted sentiment analysis on Chandrayaan 2 social media data

Generated comprehensive public opinion insights

### Job Recommendation System



Developed ML-based personalized recommendation engine

Implemented advanced profile matching algorithms

### GitHub Profile Analyzer



Created Flask-based analytics platform for GitHub profiles

Implemented automated rating and recommendation system

## ACHIEVEMENTS

- Academic Topper Award - Agnito Event (2022-2023)
- Active contributor to AI/ML community initiatives
- Demonstrated excellence in multiple technical hackathons