

# SANTHOSH S

## FINAL YEAR CSE STUDENT

I'm a passionate Artificial Intelligence (AI) and Machine Learning (ML) enthusiast with a strong foundation in Python, Frameworks like Scikit-Learn, Py-Torch, TensorFlow, Keras, and Computer Vision using the YOLO Model, OpenCV, and Supervision. I am eager to leverage my technical expertise and creative problem-solving skills to develop and implement innovative AI solutions that address real-world challenges.

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### SKILLS

#### PROGRAMMING LANGUAGE

Python, SQL

#### DATA MANAGEMENT

MySQL, MongoDB

#### DATA SCIENCE

Data Cleaning, Feature Engineering, EDA, Statistical Analysis, Data Visualization

#### MACHINE LEARNING

Supervised Learning, Unsupervised Learning, NLP, Deep Learning, Computer Vision

#### TOOLS & LIBRARIES

Numpy, Pandas, Scikit-Learn, Tensorflow, PyTorch, keras, Ultralytics, OpenCV, Supervision, Matplotlib, Seaborn, Plotly

#### OTHERS

LLM testing, Hugging Face, Git

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### EDUCATION

#### J.N.N INSTITUTE OF ENGINEERING

Chennai, Tamil Nadu, India

B.E. Computer Science and Engineering | 2021 - 2024

CGPA - 7.55 (Till 6th Semester)

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### EXPERIENCE

#### INTEL UNNATI TRAINEE

Intel Corporation | Remote | May 2024 - July 2024

- Developed AI-powered TeleICU system for real-time patient monitoring by a single intensivist.
- Used YOLOv10 for object identification and Deep SORT for patient movement tracking.
- Utilized Roboflow for image annotation, covering classes such as nurse, intensivist, patients, family members, and various patient motions.

- Developed user-friendly GUI for image, video, and live webcam analysis.
- Designed and deployed both Windows and web-based applications for the TeleICU monitoring system.

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## PROJECTS

- TeleICU Monitoring System
  - Link: [github.com/Wydoinn/TeleICU-Monitoring-System](https://github.com/Wydoinn/TeleICU-Monitoring-System)
- Cardiovascular Disease Prediction
  - Link: [kaggle.com/code/wydoinn/cardiovascular-disease-prediction](https://kaggle.com/code/wydoinn/cardiovascular-disease-prediction)
- Real-time Face Mask Detection
  - Link: [github.com/Wydoinn/Real-Time-Face-Mask-Detection](https://github.com/Wydoinn/Real-Time-Face-Mask-Detection)

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## CERTIFICATES

- Python Developer - DataCamp
- IT Support Specialization - Google (Coursera)
- IT Automation Specialization - Google (Coursera)
- Mathematics for Machine Learning and Data Science - DeepLearning.AI (Coursera)
- Data Science Specialization - IBM (Coursera)
- Machine Learning - DeepLearning.AI (Coursera)

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## SOFT SKILLS

Communication, Fast Learner, Problem Solving, Time Management, Teamwork, Leadership, Critical Thinking, Conflict Resolution.

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## LANGUAGES

- English
- Tamil

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## LINKS

Portfolio: [wydoinn.github.io](https://wydoinn.github.io)  
LinkedIn: [linkedin.com/in/santhoshs18](https://linkedin.com/in/santhoshs18)  
GitHub: [github.com/Wydoinn](https://github.com/Wydoinn)  
Kaggle: [kaggle.com/wydoinn](https://kaggle.com/wydoinn)  
Dev: [dev.to/wydoinn](https://dev.to/wydoinn)

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## CONTACTS

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