SANJAYKUMAR M

COMPUTER SCIENCE ENGINEERING

CONTACT

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○ https://github.com/sanjaykumar258

EDUCATION

2019 - 2020 | 2021-2022
GOVERNMENT HIGHER SECONDARY SCHOOL
- 10th Percentage : 71.8%
- 12th Percentage : 79.16%

2022 - 2026
BANNARI AMMAN INSTITUTE OF TECHNOLOGY
- Computer Science Engineering
- CGPA: 6.98

SKILLS

- C
- Python
- SQL

LANGUAGES

- English
- Tamil

AREA OF INTEREST

- Data Science

CERTIFICATIONS

- Python for Data Science

PROFILE

Highly motivated and dedicated professional with a passion for the IT industry and a strong foundation in software development using Python. Driven by a commitment to excellence, continuous self-improvement, and adaptability, I bring value to teams and projects by tackling challenges with determination and delivering impactful results.

PROJECT

Oil Spill Detection
- Developed a project that integrates AIS data and satellite imagery to monitor vessel behavior, detect anomalies, and identify oil spills early for timely response and reduced environmental impact

AI Virtual Painting
- Developed an AI-driven virtual painting system with hand gesture and eye tracking, enabling interactive digital artwork with features like color selection and undo/redo.

Alzheimer's Disease Prediction
- Developed an Alzheimer's disease prediction system leveraging user inputs and advanced algorithms to assist in early diagnosis and treatment planning.

Real-Time Object Detection
- Developed a real-time object detection system using deep learning (YOLO/SSD), enabling accurate object identification and tracking in video streams with optimized performance for live applications."
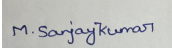
ACHIEVEMENTS

SIH 2024 FINALIST
- Participated in Smart India Hackathon 2024 Grand Finale, developing solutions for oil spill detection in marine environments using AIS and satellite datasets, under the Ministry of Earth Sciences (INCOIS).

GALAXY '24 PHASE-II
- Presented a research paper on AI Virtual Painting at GALAXY '24 PHASE-II, a National Level Technical Symposium hosted by Government College of Engineering Erode, and won THIRD PRIZE for excellence in research and presentation.

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief. I take full responsibility for the authenticity of the details mentioned.

M. Sanjay Kumar

SIGNATURE