



NANDHAKUMAR V M

"ASPIRING C++ AND AI DEVELOPER"

CONTACT

- +91 6379163589
- nanuprojects@gmail.com
nandhakumar.al21@bitsathy.ac.in
- <https://www.linkedin.com/in/nanuprojects>
- <https://github.com/nandhuprojects>
- 34/9 K.M. Nagar,
Ayothiyapattanam,
Salem - 636 103

EDUCATION

- BANNARI AMMAN INSTITUTE OF TECHNOLOGY**
Nov 2021 - Present
B.Tech Artificial Intelligence and Machine Learning
CGPA: 7.9*(upto 6th semester)
- SENTHIL PUBLIC SCHOOL**
may 2019 - may 2021
secured 81% in Biology - Math group
- SRI SWAMY INTERNATIONAL SCHOOL**
may 2018 - may 2019
secured 78.9%

AREAS OF INTEREST

- Artificial Intelligence Development
- Computer Vision
- C++ Development
- Frontend Development

SKILLS

- C
- C++
- Python
- Java
- openCV
- YOLO
- Machine Learning
- Deep Learning
- HTML
- CSS

ABOUT ME

"Results-oriented Artificial Intelligence and C++/Python developer with a strong foundation in diverse fields. Proven ability to quickly adapt and excel in challenging environments. Possessing a strong ethical compass, I am dedicated to leveraging AI for positive impact. Skilled in problem-solving, critical thinking, and innovation. Eager to contribute to cutting-edge projects."

PROJECTS AND PROFESSIONAL EXPERIENCE

LUNG CANCER PREDICTION USING XAI ML MODEL DEVELOPER

FEB 2023 - APRIL 2023

- Developed and executed a machine learning model using XAI and Deep Learning algorithms to identify Lung cancer in its early stages.
- This model provides healthcare professionals with a transparent and interpretable framework for screening and treatment decisions concerning lung cancer.

DEEP REINFORCEMENT LEARNING-BASED OBSTACLE AVOIDANCE FOR UNDERWATER ROBOTS ML MODEL DEVELOPER

MAY 2024 - JUL 2024

- Developed a Deep Reinforcement Learning (DRL) model to enable autonomous underwater vehicles (AUVs) to navigate and avoid obstacles in complex underwater environments.
- Implemented DRL algorithms, conducted simulations, and optimized agent behavior for efficient path planning and collision avoidance.

ACHIEVEMENTS

APOGEE'22 BITS PILANI:

- Place:** 1st Runner up
- Description:** It is a International level technical event conducted by BITS PILANI.

LEGION'23:

- Place:** 2nd Runner up
- Description:** It's an automated Maze mice competition conducted by Saint Gits college.