AMARNATH .C

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GitHub | **Linkedin**

EDUCATION

SRM Institute of Science and Technology , Tiruchirapalli.   Tiruchirapalli

Computer Science in specialization with Artificial Intelligence and Machine Learning. B.Tech degree Sep 2022 - May 2026

CGPA: 9.1

EXPERIENCE

CodersCave | Data Science Intern   Online | Aug-2023 - Sep-2023

Executed a comprehensive data science project during my internship, emphasizing end-to-end implementation. Conducted exploratory data analysis and implemented machine learning models to derive actionable insights.

Suvidha Foundation | Machine Learning Intern   Online | dec-2023 - Jan 2024

I focused on natural language processing (NLP), I have actively engaged in enhancing a research article through the application of advanced machine learning algorithms.

Emedlogix | OCR Intern   Remote | Feb 2024 - Present

Training and deploying deep learning models for text extraction.
Analyzing medical documents and identifying relevant data points.
Ensuring the extracted information adheres to medical coding standards.

SKILLS

Programming Languages:	C++ , Python
Libraries/Frameworks:	Django, OpenCV, NLP
Databases:	MySQL

PROJECTS / OPEN-SOURCE

SmartVisionPlate: Next-Gen License Plate Recognition for Seamless Traffic Management | Link
Computer Vision,Deep Neural Networks,OpenCV,Python

- Utilizes advanced computer vision and deep neural networks for accurate license plate identification.
- Incorporates OpenCV libraries to enhance image processing and pattern recognition capabilities.
- Excels in real-time identification of license plates in dynamic and diverse environments.

Plastic waste detection in waterbodies using YOLO   *Python,YOLO,OpenCV*

- Employs YOLO object detection algorithm for real-time identification of plastic waste in water bodies.
- Utilizes deep learning techniques to achieve high accuracy in recognizing and classifying plastic waste objects in varying conditions.
  contribute to long-term sustainability goals.

CERTIFICATIONS

- Artificial Intelligence with Reinforcement Learning. - IIIT Kottayam.
- Deep Learning Onramp - **Matlab**
- AWS certified Cloud Practitioner - **Udemy**
- Python for Data science - **IBM**
- OpenCV bootcamp - **OpenCV University**
- AWS Machine Learning -Foundations - **AWS**