

Rohan Paul Nevin

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Education

2020/07 – 2025/05
vellore

Integrated MTech In Computer Science and Engineering with Specialization in Data Science

Integrated MTech In Computer Science and Engineering with Specialization in Data Science

Professional Experience

2023/05 – 2023/07
Chennai

SHIASH INFOTECH SOLUTIONS

Data Scientist Intern

- Applied machine learning algorithms and data analysis techniques to enhance user experience and optimize content recommendations for a music recommendation app. Successfully implemented data-driven strategies, showcasing proficiency in transforming theoretical knowledge into practical solutions in a professional setting.

Projects

• Sign Language Detection

Includes steps such as:

- Data collection process (capturing images of hand gestures representing different numbers).
- Preprocessing the data (resizing, converting to grayscale, etc) for training the CNN model.
- Building the CNN model architecture with Keras.
- Training the model on the prepared dataset.
- Evaluating the model's performance and potentially refining the training process.
- Using the trained model for real-time sign language recognition.

Libraries Used:

OpenCV (cv2), Keras

• Automated Traffic Sign Detection and Classification

Project Goal: To develop a highly accurate traffic sign detection system to improve road safety, especially during winter.

Method:

- Deep learning with the usage of CNN for image recognition.
- Achieved a high detection accuracy of 98.6% during testing.

• WEB 3.0 CROWDFUNDING SMART CONTRACTS

Project Goal: To develop a system which is decentralized, transparent and efficiently built on blockchain technology due to the limitations of traditional, centralized crowdfunding platforms.

Method: The project utilizes the core strengths of blockchain, such as Transparency, Security and Efficiency.

Solidity: Programming language for writing smart contracts that automate fundraising processes.

Metamask: Crypto wallet for users to interact with the platform and manage their funds.

Other

Technical Skills :

R | C++ | Java | HTML/CSS | Tableau | Power BI |
SQL | Python

Soft Skills:

Positive Attitude | Time Management | Team Work

Interest:

Music | Football | Swimming

Languages:

English | Malayalam | Hindi | Tamil