

YUVAN SHANKAR S

Profile

BE Computer Science Engineering student specializing in Artificial intelligence and Machine Learning, with an adequate foundational skill in programming and a keen interest in developing innovative AI solutions. Eager to contribute to collaborative projects and continually expand my technical knowledge.

Education

BE CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	CGPA-8.3
Chennai Institute of Technology, Chennai, Tamil Nadu	2023-2027

Projects

- **Intrusion Detection System** – Developed an IDS using CNN-LSTM, Random Forest and XGBoost with stacked Ensemble approach and worked on a related research paper.
- **Tamil OCR** – Trained a handwriting recognition model on a Open Source dataset of 155 Tamil character classes.
- **Stock Market Analysis** – A webpage for Stock market analysis and predicting Stock price based on comparative analysis of LSTM, Linear Regression and Random Forest.

Experience

- **Research & Development:**
 - Self-Directed Research | Chennai Institute of Technology | 2024 – (November, December).
 - Developed an Intrusion Detection System (IDS) using a stacked ensemble approach (CNN-LSTM, Random Forest, XGBoost).

Certification

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|---------------------------------------|---|
| • Deep Learning in NPTEL | • Introduction to Cyber Security in CISCO NETACAD |
| • Database Management System in NPTEL | • Cyber Security Essentials in CISCO NETACAD |
| • Data Structures in Coursera | • Google-AIML Virtual Internship in Eduskills |
| • Algorithmic Toolbox in Coursera | |

Skills

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|---|---|
| ➤ Languages: JAVA, PYTHON, C++, JS, DART | ➤ Databases: MySQL, MongoDB |
| ➤ ML/DL: PyTorch, TensorFlow, SciKit-Learn | ➤ Web Development: HTML, CSS, JS |
| ➤ Data Science: Numpy, Pandas, Scipy | ➤ Tools&OS: Git, Linux(bash) |

Coding Profile

 [LeetCode](#)

 [CodeChef](#)

Contact Details

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