THEYAGARAJA S

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Professional Summary

Aspiring software intern with hands-on knowledge of programming languages such as C and Python, along with a basic understanding of DBMS and application development. Looking to gain practical industry exposure at Paragan Dynamics, contribute to software solutions, and grow as a professional in a collaborative IT setting.

Educational Qualifications

B.Tech-Computer science engineering(5th semester)   April 2023 -May 2027

SRM Institute of science and Technology - Tiruchchirappalli

Professional Credentials & Experience

❖ Artificial Intelligence - NoviTech R&D
❖ Data Analytics- NoviTech R&D
❖ Machine Learning - Novitech R&D
❖ IOT Wireless & Cloud Computing Emerging Technologies - Coursera
❖ AWS Academy Cloud Foundations - AWS
❖ Python Full Stack Development – EduSkills Academy

Technical Skills Research & Publications

Python | C | C++ | HTML | Git Hub | IoT Integration | Problem Solving

Technical Projects

Developed an IoT-based Temperature monitoring system using Arduino Uno.   Feb 2024 -May 2024

- Temperature monitoring Using Arduino Uno
- Developed an IoT-based Temperature monitoring system using **Arduino Uno**
- Implemented real-time sensor data collection and monitoring.
- Gained hands-on experience with Arduino Uno programming and IoT integrated

Real-Time Multimodal Emotion Recognition in E-Learning Using Deep Hybrid CNN–LSTM Architecture   Oct 2025- Nov2025

- Developed a real-time multimodal emotion recognition system for e-learning by combining CNN-based facial analysis and LSTM-based speech emotion recognition using MFCC.
- Implemented audio-visual fusion to detect learner emotions and enable adaptive learning, achieving ~94% accuracy with low-latency real-time performance.

Research & Publications

Smart Health Ledger: Transforming Healthcare Finance Through Blockchain-Powered Data Systems

                            May   2025-July 2025

- Journal of Neonatal Surgery (Scopus Indexed): https://lnkd.in/git9PE6x

- Co-authored a Scopus-indexed research paper titled "Smart Health Ledger: Transforming Healthcare Finance Through Blockchain-Powered Data Systems.
- Designed a blockchain-based framework to enhance transparency, security, and efficiency in healthcare financial and medical data management

Languages - Tamil & English