THARUN SATLA

+91 8008482459 ⋄ Warangal, TS

tharunsatla2003@gmail.com ⋄ linkedin.com/Tharun Satla ⋄

OBJECTIVE

To contribute effectively to a research-driven and intellectually stimulating academic or industrial environment by applying strong analytical reasoning, technical expertise, and communication skills to solve complex problems and advance impactful outcomes.

EDUCATION

Doctor of Philosophy(PhD) in Computer Science & Engineering
Indian Institute of Technology(ISM), Dhanbad   2025-Present

B.Tech in Computer Science & Engineering
Vaagdevi Engineering College, Warangal (C.GPA=7.77)   2020-2024

Intermediate in MPC
NRI Junior College, Hanomkonda (Percentage=96%)   2018 - 2020

SSC
ZPSS Panthini High School, Hanomkonda (GPA=8.8)   2017-2018

SKILLS

Technical Skills	C, Python, Core JAVA, HTML, CSS, Bootstrap, JSP, SQL
Software Tools	VS Code, Eclipse, IntelliJ IDEA, Windows 11

INTERNSHIPS

Research Intern   Mar 2023 - June 2024
DST Project   *Govt. of India*

- I worked on a research project involving data preprocessing and analysis using machine learning and Python.
- Worked on analyzing datasets to derive meaningful insights for the project.
- Improved proficiency in Python, data analysis, and ML model implementation.
- Gained experience in collaborative research and academic project development.

PROJECTS

Employee Stress Prediction Using Machine Learning Developed a machine learning model to predict employee stress using Naive Bayes, Decision Tree, KNN, and Random Forest. Designed a frontend interface using HTML, CSS, and Bootstrap for interactive stress level checking. Integrated the ML model with the frontend to provide real-time stress predictions.

Tours and Travels Website Developed a responsive tours and travel website using HTML, CSS, and Bootstrap. Designed sections for home, booking, packages, gallery, and about us, showcasing various tour locations and pricing. Implemented an interactive UI with special offers and dynamic tour details for user-friendly booking.

RESEARCH PUBLICATIONS

- Edge Intelligence for 6G enabled Industrial IoT (A Book Chapter) Tharun Satla, & Dr.Srikanth Jannu & Chaitanya Thuppari (2024). "Optimizing Edge Devices for Industrial Intelligence". In: WILEY Scrivener Publishing Edge Intelligence for 6G enabled Industrial IoT indexed by Scopus 2024.

- Tharun Satla, & Dr.Srikanth Jannu & Chaitanya Thuppari & Naveen Kumar Rangaraju (2023). "Methane Gas Prediction Model in Underground Coalmines: A Deep Learning Approach". In: 6th International Conference on Recent Trends in Advanced Computing (ICRTAC), Chennai, December 13-15, 2023

CERTIFICATIONS

- International Conference on Recent Challenges in Engineering and Technology (ICRCET-2024) – Presented the research paper"An Improved Random Forest Algorithm for Fetal Health Classification". Held on 3rd - 4th October 2024 in Perth, Australia. Recognized for contributions to machine learning in healthcare.

- "Certificate of Completion" for successfully conducted research under the Scientific Social Responsibility (SERB SSR) activity in a DST project of "A Complete Coal Mine Automation Tool Using Wireless Sensor Networks (File No: EEQ/2021/000456)

- "Certificate of participation" received from IIT (ISM) Dhanbad for participating in an Online Workshop on BUILDING SENSOR NODES (BSN-2023)

ACHIEVEMENTS

- GATE 2025 – Computer Science and Information Technology – Qualified with a score of 448 and AIR 10283. Conducted by IIT Roorkee; result declared on 19th March 2025.

- UGC-NET (December 2024) – Computer Science and Applications – Qualified for Ph.D. admission under University Grants Commission (UGC), India. Conducted by National Testing Agency (NTA), result declared on 22nd February 2025.

- UGC-NET (June 2024) – Computer Science and Applications – Qualified for Ph.D. admission under University Grants Commission (UGC), India. Conducted by National Testing Agency (NTA), result declared on 17th October 2024.

INTERESTS

- Cricket

- Volley ball

- Music

- Movies

STRENGTHS

- Problem Solving

- Creativity

- Time Management

- Team collaboration