THATHA DEVI LALITHA

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⊞ Tableau ⌂ LeetCode 🔗 Portfolio

PROFILE

Final-year B.Tech 🔗 CSE (Data Science) student with hands-on experience in **MERN Stack** development and **Machine Learning** projects. Proficient in **Python, React, Tableau, MongoDB**, and passionate about turning data into actionable insights. Built full-stack applications and ML models achieving up to **85% accuracy**. Eager to apply skills in **data analysis, full-stack development, and AI-powered systems** in real-world industry settings.

SKILLS

C │ Python │ Java │ DSA │ Data Structures │ Data Base Management Systems │ Tableau │ Power BI │ HTML │ CSS │ BootStrap │ Tailwind CSS │ JavaScript │ React JS │ Express JS

PROFESSIONAL EXPERIENCE

Industrial IOT Intern
SSIT

05/2025 – present
Mangalagiri, India

- Built basic IoT prototypes using ESP32, sensors, and Relay Modules.
- Collected real-time data and displayed it on cloud dashboards.
- Gained hands-on experience in sensor integration and remote monitoring.

MERN Stack Developer
Suthra Technologies 🔗

06/2024 – 11/2024
Vijayawada, India

- Developed web applications using HTML, CSS, React, and JavaScript.
- Built and optimized features for both new and existing projects.
- Collaborated with teams to deliver responsive and user-friendly interfaces.

Machine Learning Intern
Aaron Technologies

05/2024 – 08/2024
Vijayawada, India

- Gained comprehensive knowledge of Python programming and machine learning techniques.
- Worked on the *Speech Emotion Recognition* project, developing a model to classify emotions.

PROJECTS

Speech Emotion Recognition
Tech: Python, Librosa, Scikit-learn

- Developed a machine learning model to classify emotions from speech audio using Python libraries like Librosa and Scipy.
- Achieved 85% accuracy by fine-tuning hyperparameters and training models on labeled datasets.

Hospital Management System
Tech: React, Node.js, MongoDB

- Collaborated with a team to design and develop a full-stack Hospital Management System.
- Streamlined patient registration, appointment scheduling, and staff management processes.
- Utilized React for front-end, Node.js for back-end, and MongoDB for database management.

Hackathon Website – Real-Time Registration 🔗
Tech: React.js, Node.js, MongoDB, Express, Tailwind CSS

- Developed a full-stack web app for real-time tracking of hackathon registrations.
- Included features for admin view, participant search, certificate generation, and file uploads (NOC, payment proof).

WORKSHOPS DELIVERED

Web Development Essentials
- Conducted a workshop on Web Development Essentials for juniors, covering key topics in HTML, CSS, JavaScript, and Bootstrap with a team to design and deliver engaging and practical sessions, ensuring participants gained hands-on experience.

EDUCATION

Bachelor of Technology   09/2022 – present
PSCMR CET 🔗
CGPA : 8.88 / 10 (Till 5th Semester)

Intermediate - MPC   08/2020 – 06/2022
Sarada Educational Institutions
CGPA : 9.74 / 10

Matriculation - SSC   04/2019 – 06/2020
Little Buds E. M. High School
CGPA : 9.5 / 10

CERTIFICATIONS

Machine Learning with Python — IBM / SkillUp

GenAI Powered Data Analytics Job Simulation — Tata Group (Forage)

Full Stack Development - Excel R

Data Mining - NPTEL (Score: 81%)

Google Analytics for Beginners - Google Analytics Academy

Python Programming - Code Tantra (100%)

Software Engineering and Agile Software Development - Infosys Springboard

T20 DSA Challenge - Recursion & Backtracking

Data Analytics Job Simulation — Deloitte Australia (Forage)

Unlocking the Power of ChatGPT in Data Science: A–Z Guide — Udemy 🔗

Data Science and Analytics - Hewlett-Packard

Introduction To MongoDB for Students - MongoDB

WORKSHOPS

"RESPONSIVE WEB DEVELOPMENT" AND "3D ANIMATION USING BLENDER" - Swecha Freedom Fest

DATA VISUALIZATION USING TABLEAU - Tech Molders Edutech Software Solutions

EXPERIENCE AI AND CHAT GPT MAGIC - Freedom With AI

MERNSTACK MASTERY - IEEE Student Branch, PSCMR CET

BUSINESS INTELLIGENCE USING POWER BI - Skill Nation

ACHIEVEMENTS AND PARTICIPATION

1st Prize – State-Level Essay Writing Competition

2nd Prize – State Quiz, College-Level Essay & Chess Competitions

Participant – National Hackathon 1.0, Swecha Freedom Fest

WHY TO HIRE ME

- Proficient in Data Science principles and tools.
- Proficient in MERN Stack principles and tools.
- Strong problem-solving and analytical skills.
- Committed to continuous learning.

DECLARATION

I hereby declare that the details given above are true to the best of my knowledge.

Thatha Devi Lalitha