

THARUN JARPULA

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🐙 github.com/tharun2527

Professional Summary

I am a Detail-oriented Software Developer with hands-on experience in Python, Full-Stack development, and AI-powered projects. Skilled in building scalable, responsive applications using HTML, CSS, JavaScript, SQL, ReactJS, Django, and Machine Learning tools. Strong knowledge of data structures, REST APIs, Git, and model deployment. Passionate about GenAI, full-stack development, and real-world problem solving.

Skills

Languages — Java | Python | JavaScript | HTML5 | CSS3

Frameworks & Tools — Spring Boot | ReactJS | Django | Git | Bootstrap | VS Code

Libraries — NumPy | Pandas | OpenCV | Matplotlib | Sci-kit Learn | Tensorflow | Streamlit

DATABASE — MySQL | SQLite

Operating Systems — Windows | Linux

Domains — Web Development | Machine Learning | Deep Learning | GenAI

Technical Foundations — DSA | OOP's | OS | DBMS

Work Experience

Machine Learning Intern - CDAC Hyderabad

10/2024 – 04/2025

- Built a **Deepfake Detection Web Platform** using **HTML, CSS, JavaScript, and Django** for a robust frontend-backend integration.
- Developed a **Machine Learning model** leveraging **convolutional traces** and **Random Forest** to detect fake images accurately.
- Collaborated with a **cross-functional team** to enhance **model accuracy, system efficiency, and user experience**.

Projects

COURSE NAVIGATOR : Using Machine Learning

- Implemented a course recommendation system using Python and the Recommendation Algorithm with user profiling.
- Built with SQL, HTML, and CSS, incorporating real-time feedback for personalized suggestions.
- Ensured smooth UI for seamless course exploration and navigation.

ECO - ALKAME - A Web Development Project

- Developed a dynamic e-commerce website using **HTML, CSS, JavaScript, PHP, MySQL, and Bootstrap**, featuring **eco-friendly products** to promote sustainable living.
- Implemented **user authentication** and a **product catalog** with detailed listings and search functionality.
- Built a **shopping cart** and **secure checkout** system for seamless transactions.

Education

B.Tech, Computer Science and Engineering

2021 – 2025 | Ongole

Rajiv Gandhi University of Knowledge and Technology - CGPA : 8.6

PRE UNIVERSITY COURSE

2019 – 2021 | Ongole

Rajiv Gandhi University of Knowledge and Technology - CGPA : 8.8

CLASS 10TH

2019 | Narsampet, India

Mothers Land High School

Certificates

Machine learning Intern — WBL Intern at CDAC Hyderabad

CS50's Introduction to Programming with Python — Certified By Harvard University , EDX Courses

Tata GenAI Powered Data Analytics Completion Certificate — Certified by TATA

Front End Development - HTML — Certified By Great Learning

Front End Development - CSS — Certified By Great Learning

Advanced SQL — Certified By Great Learning

Introduction to JavaScript — Certified By Great Learning