SHREEJA KATAKAM

+91 9154759632 shreejakatakam2@gmail.com linkedin.com/in/shreejakatakam github.com/shreejakatakam
shreeja.dev

Skills

Programming: C, Java, JavaScript, Python

Frontend: React, HTML, CSS, JavaScript

Backend: Spring Boot, REST APIs

Database: MySQL

Core: OOPS, DBMS, CN, AI, ML, OS

Projects

Crop and Fertilizer Recommendation System Jan 2025 – Feb 2025

- Engineered an **end-to-end machine learning pipeline** to recommend optimal crops based on soil and climate data.
- Delivered **accurate fertilizer recommendations** by analyzing seven parameters including **N-P-K levels, temperature, humidity, pH, and rainfall**.
- Utilized **Scikit-learn, XGBoost, and Random Forest** with data processing and visualization using **Pandas, NumPy, and Matplotlib**.

Internship

Deify Infocomm Solutions Jul 2024 – Jan 2025

Frontend Developer Intern

- Collaborated in a **team of four** to design and develop a **conference solution** using **HTML, CSS, JavaScript, and jQuery**.
- Designed the **user interface** and integrated APIs for **language translation** and **speech-to-text transcription**.
- Supported development of core functionalities and ensured seamless API integration.

Achievements

Joint Secretary (2024): CSM Department Association, KITS Warangal.

Student Organizer (2024): Coordinated technical events for the university tech fest, strengthening leadership and organizational skills.

Participated in **Internal Smart India Hackathon 2023** on **Disaster Management** at KITS Warangal.

Education

Kakatiya Institute of Technology and Science 2022 – 2026

B.Tech in CSE (AI & ML), CGPA: 8.7 *India*

Resonance Junior College 2020 – 2022

Intermediate, CGPA: 9.7 *India*