RAMPELLI AKHIL

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github.com/akhilrampelli | leetcode.com/akhilrampelli

EDUCATION

SR University, Bachelor of Technology in Computer Science and Engineering   2021 - 2025
- CGPA: 9.15/10

MJPTBCW Residential Junior College, Intermediate (MPC)   2019 - 2021
- Percentage: 91.8

TS Model School Mulkanur, 10th   2018 - 2019
- CGPA: 8.7

TECHNICAL SKILLS

Programming: C, Python, Java, SQL.
Technologies: HTML, CSS, JavaScript, PHP.
Proficient in: Data Structures, Object Oriented Programming, Problem Solving.
Coursework: DBMS, Operating Systems, Computer Networks.
Other Skills: Artificial Intelligence and Machine Learning.

PROJECTS

E - COMMERCE   Mentor by Mr.Ravi Chytanya
- Built a web Application, handling the front-end Interface.
- Optimized front-end elements of the web application which elevated session durations by an average of three minutes per user and contributed to a marked improvement in overall usability ratings from testers.
- Tools & Technologies: HTML, CSS, JavaScript.

MIRCHI BREED CLASSIFICATION   Supervised by Prof. Naresh
- Trained a sophisticated CNN model using curated image datasets for superior breed identification in mirchi crops, achieved successful classifications within an average processing time. And the breed is classified based on size, shape, color and texture.
- Tools, Technologies & Libraries: Python, TensorFlow, Keras, PyTorch.

CROP MONITORING   Advised by Prof. Sandeep
- Developed a web application for monitoring the Crops. Project allows farmers to take proactive measures to optimize crop health and yield by providing real-time insights and recommendations.
- Tools & Technologies: HTML, CSS, JavaScript, Python, CNN Model.

EXPERIENCE

Teaching Assistant Intern, SR University   Aug 2024 – Present
- I provide mentorship to students in essential Computer Science topics, focusing on Data Structures and Algorithms, Design and Analysis of Algorithms, alongside Artificial Intelligence and Machine Learning.
- skills gained: leadership, communication, time management, organizational behavior, and teaching.

CERTIFICATIONS

- Database Management Course from NPTEL.
- Crash course on Python in AI Automation from Coursera.
- Java Programming Fundamentals from EdX.

ACHIEVEMENTS

- Till now I have solved around 350+ problem solving questions in LeetCode platform.
- I had a privilege of being a 3rd winner in SRU Hackathon 2023.