SATHULURI HARSHAVARDHAN

9492792457
harshavardhansathuluri19@gmail.com
Bhavani nagar,Kodad, Suryapet (D), Telangana (s)-508206

SUMMARY

He possesses strong leadership and time management skills, enabling him to guide teams effectively and meet project goals. As a quick learner, he adapts rapidly to new technologies and consistently contributes to innovative solutions.

EDUCATION

SIMATS Engineering-Chennai
Bachelor of Engineering, Computer Science,
2022-present
CGPA 8.25

Impulse junior college - Hyderabad
MPC
2020-2022
Completed with 80.6%

SIDDARTH HIGH SCHOOL
SSC
2019-2020
Completed with 97%

SKILLS

- Leadership
- Time management
- Fast learner & Multi Tasker

PROGRAMMING SKILLS

- JAVA
- C
- Python

Certifications

- **Oracle Certified in Java Foundations** Acquired Oracle's Java Foundations certification, demonstrating a strong understanding of Java programming fundamentals, object-oriented concepts, and application development essentials.
- **Time Management Certified in Infosys** Earned Infosys' Time Management certification, showcasing expertise in prioritizing tasks, optimizing workflows, and enhancing productivity in professional environments.
- **Oracle Cloud Infrastructure 2024 Certified Foundations Associate** Achieved Oracle Cloud Infrastructure 2024 Foundations Associate certification, validating proficiency in cloud computing concepts, infrastructure management, and Oracle Cloud services.
- **Introduction to internet of things(NPTL)**

  This course provided a foundational understanding of IoT concepts, architecture, and applications. It covered key components such as sensors, actuators, microcontrollers (e.g., Arduino, Raspberry Pi), and communication protocols (e.g., MQTT, HTTP). Emphasis was placed on real-world IoT use cases, data collection and analysis, and cloud integration. Hands-on projects involved building simple IoT systems, enabling practical skills in embedded systems, networking, and data visualization

PROJECT

Precipitation prediction using machine learning algorithms

Designed and implemented machine learning models to predict precipitation patterns using historical weather data. Applied algorithms such as Decision Tree, Random Forest, and Support Vector Machines (SVM) to analyze key meteorological parameters. Achieved improved prediction accuracy through data preprocessing, feature selection, and model tuning. The project aimed to enhance weather forecasting for better planning in agriculture and disaster management.

Front-End Based E-Learning Platform

Created a front-end focused e-learning platform designed for enhanced user engagement through interactive design techniques. Compared with traditional Learning Management Systems (LMS), static websites, and mobile apps, the platform offers dynamic content delivery, intuitive navigation, and gamified learning experiences to improve user retention and satisfaction.

Online Mark's portal website

Developed a web-based academic portal using Java for backend logic and C for core computations. Implemented secure login and role-based access for students, teachers, and disenabled teachers to input marks and students to view subject-wise results and grades. Handled data processing and grade calculations using C modules integrated with Java. Designed a responsive interface using HTML, CSS, and JavaScript.