ROHITH VARMA SURAPARAJU

Entry-Level Data Analyst & AI Engineer

CONTACT

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EDUCATION

2024 - 2026
UNIVERSITY OF CENTRAL MISSOURI
- Master of Science in Data Science and Artificial Intelligence

2020- 2024
HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE
- Bachelor of Technology in Computer Science and Engineering
- CGPA : 9.02/10 (GPA: 3.61 / 4.0)

TECHNICAL SKILLS

Programming Languages :
- Python
- SQL

Tools :
- Jupyter
- Google Colab
- VS Code

Data Handling & Analysis :
- Pandas, NumPy
- Data cleaning, transformation, Business Insights
- Exploratory Data Analysis (EDA)
- Statistics, Matplotlib, Power BI, Tableau

Artificial Intelligence & Machine Learning :
- Regression, classification, clustering
- Computer Vision
- Scikit-learn, PyTorch

PROFESSIONAL SKILLS

- Effective Communication
- Analytical Thinking
- Team Collaboration
- Problem-Solving

PROFILE

Graduate student currently pursuing a Master's in Data Science and Artificial Intelligence, with a background in computer science and a passion for solving real-world problems through data. Skilled in Python, machine learning, and data visualization, with hands-on experience in academic projects. Seeking an opportunity to contribute to impactful data solutions while advancing my technical and analytical skills.

EXPERIENCE & PROJECTS

SMART ELEVATOR SYSTEM WITH INTELLIGENT FLOOR LEVEL PRIORITIZATION USING OBJECT DETECTION : [2024]

Published at the 2024 International Conference on Advances in Data Engineering and Intelligent Computing Systems (ADICS)

- Designed and implemented an intelligent elevator system utilizing object detection to dynamically prioritize floor selection based on real-time passenger presence.
- Leveraged computer vision techniques and machine learning algorithms to detect individuals and optimize elevator routing in high-traffic environments such as airports and commercial buildings.
- Aimed to enhance efficiency, reduce wait times, and improve daily productivity through smart prioritization and automation.

Smart Attendance Management System using Geofencing : [2024]

Undergraduate Academic Project

- Developed a web-based attendance tracking system integrating face recognition and geofencing to ensure accurate and location-based attendance logging.
- Enabled students/employees to mark their presence securely within a predefined geographic boundary, enhancing reliability and preventing proxy attendance.
- Implemented facial recognition using computer vision techniques and integrated GPS-based geofencing for location validation.
- Improved attendance accuracy and streamlined administrative workflows in institutional and organizational settings.

Java Full Stack Developer Training : [2023]
- Completed comprehensive full stack training covering front-end technologies (HTML, CSS, JavaScript) and back-end development using Java and Servlets.

Cloud Practitioner Internship - ICT Academy : [2022]

1-week Internship | AWS Fundamentals

- Completed a 7-day intensive internship focused on Amazon Web Services (AWS) Cloud Practitioner concepts.
- Gained hands-on experience with core cloud services, deployment models, and best practices in cloud security, storage, and computing.

CERTIFICATIONS

Go Beyond the Numbers: Translate Data into Insights — Google
Issued: Feb 2025 | View Credential coursera

Foundations of Data Science — Google
Issued: Dec 2024 | View Credential coursera

Foundations: Data, Data, Everywhere — Google
Issued: Sep 2023 | View Credential coursera

AWS Academy Graduate - AWS Academy Cloud Foundations — Amazon Web Services
Issued: Oct2022