SAI VENKAT KALLEPALLI

"To obtain a creative and challenging position in an organization that gives me an opportunity for self improvement and leadership , while contributing to the symbolic growth of the organization with my technical, innovative and logical skills."

WORK EXPERIENCE

NIELIT., Artificial Intelligence And Machine Learning

June 2024- present | REMOTE

- Developed an AI-based system to predict air quality levels using Python.
- Employed machine learning algorithms such as Support Vector Machine (SVM), Long Short-Term Memory (LSTM), and Random Forest.
- Conducted data preprocessing and feature engineering to prepare dataset for training.
- Performed clustering analysis on air quality data to identify patterns and trends.
- Evaluated and compared the performance of various models to determine the most accurate prediction method.
- Integrated data visualization techniques to present air quality predictions effectively.

CERTIFICATIONS

Introduction to Artificial Intelligence|Simplilearn|SkillUp

- Key Topics Covered: Machine Learning Basics, AI Applications, Neural Networks, AI in Real-World Scenarios.

C++ and Java Training Crash Course for Beginners|Udemy

- Key Topics Covered:
  - Introduction to C++ and Java
  - Basic Syntax and Programming Constructs
  - Data Structures and Algorithms
  - Object-Oriented Programming Concepts
  - Hands-on Coding Exercises and Projects

EDUCATIONAL BACKGROUND

B.Tech, Electronics and Communication Engineering
Sagi Rama Krishnam Raju Engineering College,Bhimavaram
2022-2026 | CGPA:8.54

Intermediate
Sri Gowtami Junior College , Narsapur.
2020 - 2022 | CGPA:9.68

SSC
Sri Gowtami English Medium High School,Narsapur.
2019 - 2020 | CGPA:9.8

SKILLS

Technical Skills: C,CPP,Python,Java,Matplotlib,TensorFlow
Client-Side: HTML,CSS,JavaScript,ReactJS,Bootstrap
Server-Side: MongoDS,Node.js,Express
Dev Tools: VS Code ,GIT

CONTACT

saivenkatkallepalli@gmail.com

+91 8803434888

Vasa Samuel St.,
Narsapur,W.G.Dist.,A.P.

PROJECTS

Air Quality Prediction using AIML

June 2024-July 2024

- Developed a comprehensive AI-based system aimed at predicting air quality indices (AQI) leveraging Python programming.
- The project involved collecting and preprocessing air quality data from various sources to ensure accuracy and consistency.

Meditation Website-MERN Stack

1/6/2024-6/4/2024

- Designed and developed a full-stack web application focused on providing guided meditation sessions and mindfulness resources to users.
- Implemented a user-friendly interface that allows users to sign up, log in, and access personalized meditation content.

AREAS OF INTEREST:

- API Development and Integration
- Database Management:
- Server-Side Frameworks
- Web Development
- Software Development:
- Testing and Quality Assurance

ADDITIONAL INFORMATION

- Participated, A National Level 5 Day Boot Camp & 24-hr Hackathon on MERN Stack.

Event: SRKR Engineering College.
Date: 1st- 6th April 2024

Gained valuable experience in project management, teamwork, and problem-solving under time constraints during the hackathon.