RAGAVI V

✉ vragavi24@gmail.com 🔗 _https://www.linkedin.com/in/ragavi-v/_ ⓞ https://github.com/ragavi242004

🏠 24,Sukkagoundanpudur,kunnathur,Tiruppur(Dt),638103 📞 7708408123

CAREER OBJECTIVE:

As an aspiring professional in Artificial Intelligence and Data Science, I bring robust technical expertise in machine learning and data analysis, supported by an intermediate programming background. My passion lies in extracting valuable insights from data to drive responsible AI development and innovate in creating cutting-edge products and services. Dedicated to continuous learning, collaborative teamwork, and leveraging technology for impactful outcomes, I am eager to contribute my skills to an innovative organization that values creativity, fosters professional development, and thrives on collaborative excellence.

EXPERIENCE

NSIC-TECHNICAL SERVICES CENTRE | IOT Intern   *June - 2023*
- Developed an IoT application for real-time room temperature monitoring.
- Implemented functionalities for continuous monitoring, data analysis, and visual representation of temperature variations.

NSIC-TECHNICAL SERVICES CENTRE | Application Development Intern   *Dec - 2022*
- Designed and Developed UI for Coffee Booking Application
- Created a user-friendly interface using Android Studio and XML for layout design, ensuring intuitive navigation and visually appealing elements.

EDUCATION

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY   *2021-2025*

- B.TECH - ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
- CGPA - 7.9%

BHARATHI MATRICULATION HIGHER SECONDARY SCHOOL

- HSC - 92.46%   *MAY-2021*
- SSLC - 90.4%   *MARCH-2019*

SKILLS

- Languages: Java, HTML, CSS, JavaScript
- Frameworks: Pandas, NumPy, Machine Learning
- Tools: Power BI,Tableau,Visual Studio Code, Colab, Github,
- Database: SQL
- Documentation: Word, PowerPoint,Excel
- Soft Skills: Team Player, Problem Solving, Communication, Leadership

AREA OF INTEREST

- Data Science
- Artificial Intelligence
- Machine Learning
- Data Analytics
- Front-end Development

VOLUNTEERING

- Volunteered for Fiestaa, an annual event, playing an active role in its organization.
- Successfully organized an online event , ensuring its smooth and successful completion.

CERTIFICATIONS

- Python for Data Analysis: Pandas & NumPy - Coursera
- Introduction to Data Analytics - SkillUp
- Web Development Framework Training - Xebia
- Java Course - Mastering the Fundamentals - Scalar
- Core Java - L&T Edutech
- Server-side Development - L&T Edutech
- Cyber Security and Privacy - NPTEL
- Acquiring Data - NASSCOM
- Solving problems on platforms like HackerRank, LeetCode, InterviewBit, eBox
- Paper presentations and webinars at various institutions

PROJECTS

- **Skin Disease Classification**
  - Utilized a convolutional neural network (CNN) architecture with the Sequential API in Keras to effectively capture intricate patterns in dermatology images, enhancing the accuracy of skin disease classification.
  - Achieved high performance on the classification task, validated by rigorous testing on a separate dataset,thereby demonstrating the model's potential in aiding early diagnosis and treatment recommendations for various skin conditions.

- **Plant Disease Detection System**
  - Integrated pre-trained Convolutional Neural Networks (CNNs) for image classification tasks, specifically tailored for analyzing and classifying plant diseases based on visual features extracted from images.
  - Developed a user-friendly interface enabling users to upload plant images for automated disease diagnosis.

- **plagiarism checker**
  - Designed a robust plagiarism checker tool using Python and Natural Language Processing (NLP) techniques to compare input text against an extensive database of documents.
  - Utilized advanced algorithms, including cosine similarity and fingerprinting, to detect and highlight matching or similar phrases.
  - Key features include an intuitive interface built with Flask for easy text submission, real-time comparison results, and user-friendly reports that facilitate quick and accurate evaluation of text originality.

- **Comprehensive Job Market Analysis Dashboard**
  - Imported and integrated job market data from various sources using Power BI's data connectors. Cleaned and transformed the data with Power Query Editor for accuracy and consistency.
  - Created interactive dashboards with visualizations like bar charts, line graphs, pie charts, and maps. Displayed key metrics and implemented slicers and filters for dynamic exploration by industry, location, job type, and company size.

- **Automated Electricity Bill Management System with MySQL Integration**
  - Utilized MySQL to design and implement a relational database for storing consumer records, billing details, payment history, and consumption data.
  - Implemented automated billing processes to calculate electricity bills based on consumption data.

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.