PRAVEEN S

Portfolio website: Click here to Visit 🗗   Mail ID: praveensg882@gmail.com 🗗

LinkedIn: https://www.linkedin.com/in/praveen-s-42416924b 🗗   Mobile: 9171042088

SUMMARY

Adaptable and detail-oriented Web Developer with practical experience in full-stack web development, web content management, and front-end technologies including HTML, CSS, and JavaScript. Proficient in designing responsive, user-friendly websites and dynamic web applications utilizing modern development frameworks and tools. Experienced in version control (Git/GitHub), performance optimization, ensuring cross-browser compatibility, and backend integration through SQL for effective database management.

EDUCATION

- **Vellore Institute of Technology**   Vellore, India
  Bachelor of Computer Science - B.Sc; CGPA: 7.38   *September 2020- June 2023*
- **Vellore Institute of Technology**   Vellore, India
  Master of Computer Applications - MCA; CGPA: 7.63   *September 2023 - June 2025*

SKILLS SUMMARY

- ' **Tools**:   VS code, SQL, Oracle, Colab, Canva, Star UML, Apache NetBeans , Git/GitHub .
- ' **Interests**:   Machine Learning, Python, Database Management, Web development, JAVA, Software Engineering.
- ' **Soft Skills**:   Good at punctuality, Adaptability, Confidence.

PROJECTS

- ' **Object Detection system using Deep learning**
  - **SSD(Single shot MultiBox Detector, Pre-trained datasets, Tensorflow. :**
    This study focuses on using the SINGLE SHOT MULTIBOX DETECTOR(SSD), a deep learning technique, for object detection in various domains like robotics, autonomous driving, and surveillance. SSD is recognized for its robustness and efficiency, offering significant improvements in object detection by leveraging high-quality data preprocessing, extensive model training, and advanced optimization techniques.

- ' **SET conference Management System**
  - **This project was created mainly Using Java and Js . :**
    Developed a SET Conference Management System using Java and JavaScript to streamline conference planning and organization. The system features functionalities for managing event schedules, participant registrations, and real-time updates. Focused on creating a user-friendly interface with efficient backend processing to enhance usability and performance. Demonstrated expertise in integrating front-end and back-end technologies to deliver a reliable solution for seamless conference management.

- ' **Emotion-Driven Music Recommendation System**
  - **This project was developed using Python and deep learning frameworks. :**
    This system plays songs based on the user's current emotion by analyzing their facial expressions through a webcam. It uses a Convolutional Neural Network (CNN) algorithm based on the VGGFace2 ResNet50 model to detect emotions like happy, sad, angry, etc. Once the emotion is recognized, the system selects and plays a song from a matching folder using Pygame for music playback. The project works completely offline and provides a smart and personalized music experience. It combines image processing, deep learning, and real-time audio control using simple Python libraries.

- ' **Air pollution monitoring using IOT**
  - **IOT, Cloud computing, Data visualization. :**
    The IoT Air Pollution Monitoring System uses sensors deployed in key locations to measure pollutants like PM2.5, NO2, CO, and O3. Data is transmitted in real-time to a central server for analysis. A user-friendly dashboard displays air quality data and alerts authorities and residents of poor air quality. This system fosters public awareness, supports policy making, and improves public health by providing timely and accessible air quality information.

CERTIFICATIONS

- ' Prodigy infoTech 🗗: intern certificate for web Development.
- ' CognitiveClass.ai 🗗: Machine Learning with Python.
- ' Value Added Course🗗: Python Programming.

EXPERIENCE

WEB DEVELOPER Intern   **15 JUNE 2024-15 JULY 2024**
Prodigy info Tech   *Vellore, India*

- Successfully completed a 1-month internship in Web Development at Prodigy InfoTech , delivering outstanding results in building dynamic web applications.
- Developed a personal portfolio website using JavaScript and Angular, integrating 3D elements for an enhanced user experience.
- Built interactive projects, including a Tic-Tac-Toe game using web development technologies and JavaScript, and a responsive timer using HTML and CSS.
- Created a weather application utilizing APIs to fetch and display real-time data, ensuring a user-friendly and functional interface. And Collaborated with the design team to implement responsive, visually appealing, and functional components.