T N Sharon

📞 9019740083   ✉ sharon1452005@gmail.com

PROFESSIONAL SUMMARY

Dynamic developer with hands-on experience building hospital management and travel tracker web applications using front-end and back-end technologies. Skilled in full-stack development, problem-solving, and effective teamwork. Committed to delivering robust, user-friendly solutions in fast-paced environments.

EDUCATION

IIT MANDI
Minor Degree in AI
Present

Atria Institute of Technology
B.E in Computer Science and Engineering
Present

SKILLS

Technical Skills: tensorflow, keras, Web design, Matplotlib, Seaborn, Pandas, Numpy, Plotly, Python, Jquery, APIs, SQL, Git, Github, CSS3, HTML5, React, JavaScript

Soft Skills: Adaptability, Problem Solving, Time Management, Attention to Detail, Teamwork, Effective Communication

PROJECTS

Object Detection Project |

- Developed an object detection model using TensorFlow and Keras to identify multiple objects in images.
- Prepared and preprocessed image datasets for training and evaluation purposes.
- Implemented model training, validation, and testing workflows to ensure accurate object detection.
- Utilized data augmentation techniques to improve model performance and generalization.
- Documented project workflow and results to support future enhancements and team collaboration.

Chat Application Development |

- Developed a web-based communication platform supporting interactions among multiple users.
- Implemented user interface components using HTML, CSS, JavaScript, and Bootstrap for a responsive design.
- Utilized PHP and jQuery to handle server-side logic and enable real-time messaging features.
- Collaborated on integrating front-end and back-end technologies to ensure smooth user communication.

Landmark Detection Project |

- Developed a machine learning model to detect landmarks in images using Keras and TensorFlow.
- Prepared and preprocessed image datasets for effective model training and evaluation.
- Built and trained convolutional neural networks (CNNs) for accurate landmark recognition.
- Tested and validated model performance using standard metrics and sample images.
- Gained practical experience in deep learning and image processing techniques.

Doctor Appointment System |

- Developed a user-friendly web page displaying detailed information about doctors.
- Implemented frontend design using HTML, CSS, and JavaScript for an attractive and responsive UI.
- Integrated PHP and SQL to fetch and display doctor data from the backend database.
- Utilized jQuery to enhance interactivity and improve user experience.

Travel Tracker |

- Developed a full stack web application to help families track visited countries.
- Implemented user management features to allow addition and tracking of multiple family members.
- Designed interactive user interfaces using HTML, CSS, JavaScript, and React.js.
- Built RESTful APIs and handled backend logic with Node.js.
- Managed data storage and retrieval using SQL for the application database.

CERTIFICATIONS

- Training in PHP and MySQL, IIT Bombay
- Certification in Full-Stack Web Development, Coincent
- Certification in Artificial Intelligence with Python, Coincent

ACHIEVEMENTS

- Won 1st prize in Kannada Essay Writing Competition
- Consistently scored above 9 SGPA till present semester
- Class Representative since the 1st semester