SHRUTHI S

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SUMMARY

A passionate web developer with proficiency in HTML, CSS and JavaScript, eager to create efficient and user-friendly solutions. Gained hands-on experience through various projects and internships, including machine learning and software development tasks. Successfully completed multiple assignments, showcasing problem-solving skills and adaptability. Continuously learning new technologies to enhance web development expertise.

EDUCATION

Impact College of Engineering and Applied Sciences, Bengaluru 2021 - 2025
Bachelor of Engineering in Computer Science 8.8/10 CGPA

MES PU College, Bengaluru 2019 - 2021
Pre-University in Science 82%

KMWA Vidyanikethan , Bengaluru 2015-2018
SSLC 95%

EXPERIENCE

Varacons Technologies Pvt Ltd, Bengaluru
Full Stack Web Development Intern
- Implemented user interface components using HTML, CSS, JavaScript and React.
- Developed a full-stack web application using RESTful API endpoints with Node.js and Express.
- Explored ways to visualize GitHub collaboration.

Prodigy Infotech
Machine Learning Intern
- Successfully completed 5 machine learning tasks, enhancing practical knowledge of supervised and unsupervised learning models.
- Developed and fine-tuned models for image classification and data analysis.
- Applied data visualization techniques to extract meaningful insights from datasets.

PROJECTS

Library Web Application | Built with React, Material-UI, Rapid API, and OpenBookAPI
- Developed a dynamic library web application using React and Material-UI to deliver a clean, intuitive interface for users.
- Integrated a comprehensive book database featuring thousands of titles, authors, and genres using the OpenBookAPI, allowing users to easily browse and search for books.
- Implemented an advanced search and filtering system, enabling users to quickly find books by title, author, genre, or publication year.
- Ensured the application was fully responsive, providing a seamless experience on both desktop and mobile devices.

Brain Tumor Detection Web Application | Built with Python, TensorFlow, and CNN
- Developed a robust brain tumour detection system using Convolutional Neural Networks (CNN) with TensorFlow, achieving high accuracy in detecting tumours from MRI scan images.
- Pre-processed MRI images to enhance data quality and ensure optimal input for the CNN model, utilizing techniques such as normalization, augmentation, and resizing.
- Trained the CNN model on a large dataset of MRI scans, ensuring the model was capable of distinguishing between benign and malignant tumours with high precision.
- Built a user-friendly web interface that allows healthcare professionals to upload MRI images for automated tumor detection and classification in real-time.

TECHNICAL SKILLS

Languages:Python,C,JavaScript,Java,HTML/CSS.
Frameworks: React.

Developer Tools: Git, VS Code.