

Madhu Kunchala

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PROFILE SUMMARY

Passionate about creating intuitive and visually appealing web applications. Adept at working in fast-paced environments and collaborating with teams to bring creative ideas to life. Eager to contribute as a Frontend Developer and continuously improve my skills in cutting-edge technologies.

SKILLS

Programming Languages: JavaScript,Python,CSS3,HTML5

Frameworks and Libraries :Bootstrap,React js,Node js,Express js

Tools and Technologies: Git, GitHub, Bitbucket

Databases :Mysql,Mongodb

PROJECTS

NAFLD Detection Using Deep Learning and Machine Learning

Developed a system to detect **Non-Alcoholic Fatty Liver Disease (NAFLD)** from medical imaging data using deep learning techniques. The project aims to improve early diagnosis and reduce manual interpretation time through automated analysis

Technologies Used:

Python, TensorFlow, Keras, Convolutional Neural Networks (CNNs), Scikit-learn, Pandas, NumPy, Matplotlib, Jupyter Notebook

Responsibilities:

Collected and preprocessed liver ultrasound and MRI datasets, including data augmentation and normalisation to improve model generalisation.

.Key Features/Accomplishments

Achieved a classification accuracy of 90% in detecting NAFLD from liver imaging datasets.

Reduced diagnostic time for radiologists by automating the detection process.

Improved model interpretability using Grad-CAM to visualise important areas in the imaging data for disease detection.

E-commerce Website for Fashion Retail

Developed a fully functional eCommerce platform for a fashion retail business. The website allows users to browse, search, and purchase products, with an integrated shopping cart, secure payment processing, and an admin dashboard for managing inventory.

Technologies Used:

HTML5, CSS3, JavaScript, React, Node.js, Express.js, MongoDB, Stripe API, AWS S3, Docker

Responsibilities:

Designed and implemented the front-end using React to create a responsive, intuitive user interface optimised for mobile and desktop.

Key Points:

Front-End and User Experience: Emphasise how you optimised the UI/UX for better engagement (React, CSS3, responsive design).

EDUCATION

B.Tech in Computer Science and engineering -2023

Malla Reddy College of engineering, Hyderabad.

Intermediate (MPC)-2019

Gautami junior College,Hyd

HOBBIES

Watching cricket,movies

