BABY PRANEETHA VASA

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EDUCATION

SRI VASAVI ENGINEERING COLLEGE
B.Tech IN
COMPUTER SCIENCE AND ENGINEERING
CGPA:8.04
2022-2026

SASI JUNIOR COLLEGE
MPC
PERCENTAGE:95%
2020-2022

SASI E.M HIGH SCHOOL

SSC
Per:100%
2020

COURSEWORK

UNDERGRADUTE
- Design and Analysis of Algorithms
- Object Oriented Programming
- Operating System
- Database Management System

SKILLS

PROGRAMMING :
- Sql • Python

FRAMEWORKS & LIBRARY:
•Django • Flask

CONCEPTS AND TECHNOLOGIES:
Object-Oriented Programming, Database Management System, MongoDB, MySQL, Machine Learning,Generative AI

ACHIEVEMENTS & CERTIFICATIONS

- Certified Azure AI Fundamentals By Microsoft.
- Certified Oracle Cloud InfraStructure 2024 Genarative AI.
- Certified SQL and Relational Database.
- Certified on AWS Virtual cloud.

PROJECTS:

PROJECT REGISTER SYSTEM:

The Project Register System is a web-based application developed to manage and organize student project details efficiently. It allows users to register, update, and view information such as project titles, domains, team members, supervisors, and status. The system implements role-based access, where users can add or edit their own entries, while only the admin has the authority to delete any record, ensuring secure and controlled data management. Developed using HTML, CSS,PHP, and MySQL, and hosted locally using XAMPP, the system provides a centralized, scalable solution that simplifies project tracking and reduces manual effort.

COLLEGE NAVIGATION SYSTEM:

The College Navigation System is a menu-driven Java application that uses the A* algorithm to find the shortest path between predefined campus locations like labs or cafeterias, modeled as nodes in a graph. It combines actual distance and heuristic estimates for optimal routing. Users select a source and destination, and the system efficiently computes the best route. The design is adaptable for dynamic campus updates, obstacles, or future integration with GPS and graphical interfaces.

DETECTION OF BRAIN TUMOR USING ML:

The Brain Tumor Detection System uses MRI images and machine learning algorithms like SVM, KNN, or CNN to classify tumors. It applies preprocessing techniques such as noise reduction and segmentation for accurate feature extraction. The model predicts tumor presence with high accuracy, aiding faster and more reliable diagnosis. This solution supports doctors by improving early detection and reducing manual effort.

DETECTION OF SKIN CANCER USING ML:

The Pneumonia Detection System uses chest X-ray images and CNN-based models to automatically detect pneumonia. It applies image preprocessing and deep learning for accurate classification. This system supports faster, more reliable diagnosis and assists doctors in early detection and treatment.

ACTIVITIES

- Led a community service project online frauds ,engaging over 10+ residents to identify how many people are facing the problem with Spam calls and messages.I