

KUSUMA SAYI ABINAND

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SUMMARY

Driven and highly motivated Computer Science graduate seeking an opportunity to leverage technical expertise and creative problem-solving skills in a dynamic software development role. Adept at developing innovative solutions and collaborating effectively within cross-functional teams. Eager to contribute to the success and growth of a forward-thinking organization.

EDUCATION

B.Tech,Malla reddy college of engineering & technology CGPA : 6.78	2020 – 2024 Hyderabad
+2,Sri Gayatri Junior College Percentage : 78.4	2018 – 2020 Hyderabad
10th,Gurukula Vidhyapeeth High School GPA: 8.0	2017 – 2018 Ranga Reddy

LANGUAGES

- Telugu
- Hindi
- English

SKILLS

- Python
- CSS
- MySQL
- React js
- HTML
- C
- Java Script
- PHP

PROJECTS

Portfolio

Using Html ,CSS, Java Script

Pharmacy Management System

Using Python and MySQL

- The Python-based Pharmacy Management System is a comprehensive software solution that streamlines various aspects of pharmacy operations. It enables efficient management of inventory, sales, prescriptions, and customer records. With intuitive interfaces and automated functionalities, it enhances accuracy, reduces manual effort, and optimizes overall workflow in a pharmacy setting.

Inventory Management System

Using Python and MySQL

- An inventory management system in Python allows businesses to track and manage their stock efficiently. It provides features like adding/updating inventory items, monitoring stock levels, generating reports, and alerting for low stock. It helps streamline operations and prevent stockouts or excess inventory.

Bank Management System

Using Python and SQLite

- A bank management system in Python enables efficient management of banking operations. It includes features like customer account management, transaction processing, loan management, and reporting. With user-friendly interfaces, it ensures secure access, data integrity, and effective control over banking activities.

Taxi Booking

Using Python and SQLite

- A taxi booking system in Python facilitates the process of reserving and managing taxi rides. It allows users to request a taxi, view available drivers, track the status of their ride, calculate fares, and generate invoices. The system enhances convenience and efficiency in taxi service operations.

Strain Analysis Based On Eye Blinking

using Python

- Strain analysis based on eye blinking in Python involves analyzing patterns of eye blinks to assess and monitor individuals' strain levels. By measuring blink frequency and duration, the system can provide insights into fatigue and stress levels, aiding in the identification and management of potential strain-related issues.

Medical cost regression

using machine learning

- Disease prediction and cost estimation in Python involves developing a model to predict the likelihood of individuals developing certain diseases based on various factors. Additionally, the system can estimate the potential costs associated with the disease, aiding in healthcare planning and resource allocation for effective disease management.

Advanced Healthcare System

Using Machine Learning

- I developed a Disease Prediction System using machine learning techniques during a personal project. The system utilizes SVM, Naive Bayes, and Random Forest classifiers to predict diseases based on user-selected symptoms. I also implemented an ensemble technique to combine individual model predictions for improved accuracy. The project involved data preprocessing, model training, and GUI development using Tkinter. This project allowed me to enhance my skills in data analysis, machine learning, and software development, and it showcases my ability to create practical solutions using data-driven approaches.

WORKSHOPS AND BOOTCAMPS

- Attended Workshop on Artificial Intelligence and Machine Learning conducted in college
- Attended Bootcamp on Web Development
- Participated in five days Bootcamp on Ethical Hacking and CyberSecurity followed by one day hackathon in association with Supraja Technologies
- Attended Workshop on Cyber Security conducted by skill vertex

PROFESSIONAL EXPERIENCE

Intern

InternPe

- During my internship, I had the opportunity to work on various exciting projects that allowed me to strengthen my programming skills and creativity. One of my major achievements was developing a fully functional game of Tic Tac Toe, implementing logic and user-friendly interfaces to enhance the gaming experience. Additionally, I successfully designed and coded a digital clock application that displayed accurate time with different time zone options, showcasing my proficiency in time handling. Moreover, I took on the challenge of creating a system shutdown application using tkinter and buttons, providing users with a convenient and direct method to power off their systems. These projects not only sharpened my problem-solving abilities but also gave me valuable insights into GUI development and user interaction.

CERTIFICATES

Certificate Of Completion Of Java Script For Web Development From AICTE

level 1

Participation Certificate On Cyber Security From Supraja Technologies

Hackathon

Certificate of Excellence on Cyber Security From Supraja Technologies

Hackathon

Completion Certificate of an Internship in INTERNPE

Domain:Python

INTRESTS

- Intrested in learning new technologies