Sidrah Saif

Contact

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Skills

- Programming Languages:
  C, Python, Java, R

- Web Development:
- HTML/CSS, JavaScript, UI/UX

- Database Management:
  SQL, MySQL, PostgreSQL

- Scripting:
  SHELL scripting

- Fundamentals of Networking, Monitoring and Automation

- Operating Systems:
  UNIX, Windows Fundamentals

- Data Structures and Algorithms

- Data Visualisation:
  PowerBI

- Developer Tools:
  VS Code, GitHub, GitLab, Docker

- Fundamentals of Automata Theory and Compiler Design

Experience

Mobile App Development
November 2023

Technologies: DART, Flutter
Project: Fitness Tracker App

Education

M.S. Ramaiah Institute of Technology
B.E. in CSE (Cyber Security) - 5th semester
Expected August 2026 | CGPA - 9.12

St. Joseph's Boys' High School
March 2022 | ISC | Percentage: 98%

St. Francis Xavier Girls' High School
March 2020 | ICSE | Percentage: 98.67%

Projects

LLM + RAG Chatbot

Technologies: FastAPI, OpenAI API, Chroma DB, PostgreSQL, Docker, HTML/ CSS, JavaScript, ELK stack, Docker

Enabled users to upload documents, create, categorize and query document groups, and provide contextually relevant details using RAG

End-to-End Encrypted Chatbot

Technologies: Python, Flask, PyCryptodome, OpenAI API, HTML/CSS, JavaScript

Implemented AES encryption for secure communication, and disappearing messages for enhanced security

GreenGains – A Recycling Based Green Credit Management Platform

Technologies: Python, Flask, MySQL, HTML/CSS, JavaScript

Submitted the idea as part of the SAP Hackfest 2024, held in Coimbatore, and successfully advanced to the semi-finals.