RUTHIKA S SHETTY

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CAREER OBJECTIVE

I am a visionary student with a comprehensive skill set in Python, SQL, and web development (HTML, CSS), enriched by practical experience during my internship at Bharat Electronics Limited. I am eager to leverage my technical expertise in diverse projects, while continuously learning and adapting to new technologies to drive innovation and growth.

EDUCATION

Presidency University, Bengaluru 2021 - 2025
BTech in Computer Science and Engineering

Mount Carmel PU College, Bengaluru 2019 - 2021
Pre University Course

Stella Maris High School, Bengaluru 2018 - 2019
Primary And Secondary Education

SKILLS

- Programming Languages : Python, SQL
- Core Subjects : Cyber Security, DBMS, Operating System
- Web Development : Html, CSS

CERTIFICATIONS

- CSS(Basics) - Course offered by HackerRank
- Power BI for Beginners - Course offered by SimpliLearn
- Introduction to Python - Course offered by AI Business School
- Certification on Building a Dashboard using Power BI - offered by NxtWave

INTERNSHIP

Bharath Electronics Limited | Project Trainee | July 2024 - August 2024
Virtual Rocket Launch Timer

- Created a countdown timer with Start ,Stop , Hold and Reset Buttons
- Transmits the paused time to a client over UDP communication
- Utilizes the UDP Protocol for fast,real-time communication
- Developed using Qt's event-driven programming with QTimer and QUdpSocket

PROJECTS

1.Health Monitoring System

This Device captures and transmits graphical representations of arm movements to a connected system. It uses sensors to track the motion of the arm and displays the data as visual graphics, allowing users to analyze and interact with their movements in real time.

2.IOT based Earthquake And Hazardous Gases Detection in Coal Mines

Developed an IoT-enabled system using Raspberry Pi to detect earthquakes and hazardous gases in coal mines.The system uses sensors to monitor seismic activity and gas levels, sending real-time data to a central server.