SAMARENDU RUDRA

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OBJECTIVE

A motivated and detail-oriented Computer Science and Engineering Graduate(2025 passout)with a strong Technical Skilled in applying to real-world projects. Demonstrated ability to work effectively in teams, solve problems analytically, and communicate technical concepts clearly. Eager to contribute and grow in a dynamic technology-driven environment.

EDUCATION

Bachelor's of Computer Science And Enginnering, Techno India University   2021-2025
Relevant Coursework: DBMS,Agile Methodology,OOPs,Data Structure and Algorithm.

CGPA: 7.71

Bolpur High School   2011 - 2019

SKILLS

Technical Skills	Java,Python(Basic),HTML,CSS,JavaScript,Data Analysis,Power Bi,YOLO V8,YOLO V11.
Soft Skills	Developing Solutions to problem,Strategic Thinking,Leadership,Adapt Techonologies.
Tools	VS Code,Oracle SQL,Jupyter Notebook,Google Collab,Roboflow

INTERNSHIP

Data Analysis and Power Bi   Feb 2024 - Mar 2024
AICTE(VOIS and Vodfone Idea Foundation)   *Remote*

- Conducted data analysis on doctor visits using Jupyter Notebook, improving scheduling efficiency by 15 percent and reducing patient wait times by 20 Percent. Built 25+ interactive dashboards with Power BI ,, streamlining data retrieval by 40 percent and boosting decision-making and revenue. Integrated data from seven sources into a unified platform, enhancing accuracy and actionable insights.

    Mehods and Tech Stack Used : Python, VS Code, Power Bi

PROJECTS

BolpurHospital Realtime Data Analysis Conducted hospital data analysis in Jupyter Notebook using Python, achieving 95 percent accuracy through data cleaning. Developed customized visualizations and annotations that improved clarity and readability by over 50 percent, enabling quicker insights from complex healthcare datasets. [(Source Link)]

IOT Based Energy Monitoring System Designed and implemented a real-time Energy Monitoring System using ESP32 and Blynk IoT, enabling users to track electrical consumption and reduce bills by 15 percent Developed scalable cloud architecture for efficient data management [(Source Link)]

SAASVAT-Explore Shantiniketan Developed Saasvat, a responsive e-commerce platform using HTML, CSS, and JavaScript, enabling hotel bookings and the sale of traditional Shantiniketan attire. Enhanced user experience through performance optimization and cultural styling, resulting in increased engagement, authenticity, and targeted traffic. [(Source Link)]

CERTIFICATIONS

- Introduction To Database   Coursera   2023
- Front End Development -HTML   Great Learning   2023
- Introduction To ProgrammingUsingPython   GUVI   2023