Rakesh Kundu

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SKILLS

Programming Languages: Python, C, HTML, CSS

Python Libraries/Frameworks: Pandas, Flask

Familiarity with Arduino and Raspberry Pi for electronics projects

PROJECTS

Multi functional smart home automation System

Introducing a Multi-functional Smart Home Automation System designed to revolutionize modern living. This IoT-based project aims to provide unparalleled convenience and safety through an array of innovative features. With voice control capabilities, mobile app integration, and automated lighting adjustments, managing your home has never been easier. Integrated gas and fire sensors ensure immediate detection and alerts, while emergency shutdown capabilities prioritize safety in hazardous situations. Enjoy simplified daily routines, optimized energy usage, and enhanced security, tailored for family homes, vacation properties, elderly care, and rental management. Though setup may require technical know-how, the benefits of this system offer peace of mind and efficiency for every user.

- Tools/Technologies Used: Arduino, NodeMCU

Store Management System

The Store Management System Project is a command-line interface (CLI) application designed to streamline operations for shopkeepers and enhance the shopping experience for customers. Shopkeepers can efficiently track their products and sales, manage inventory, and analyze sales data. Customers can easily calculate their bills by selecting products and specifying quantities. With its user-friendly interface and comprehensive features, this system simplifies store management tasks while ensuring a seamless and convenient shopping process for customers.

- Tools/Technologies Used: Python, File I/O, OS and Time Module in Python

EDUCATION

Abacus Institute of Engineering and Management, West Bengal - *B.Tech ECE*

Expected Graduation Year: 2025

Saroj Mohan Institute of Technology, West Bengal - *Diploma ETCE*

June 2019 - june 2022