

Sweta Kumari

 github.com/swetakuy  linkedin.com/in/swetakumari  shwetakumari4293@gmail.com

EDUCATION

Lovely Professional University

Master of Computer Application (MCA)

June 2024

Current GPA: 8.1

B.R.A.B. University (Mahant Dharshan Das Mahila College)

Bachelor of Computer Application (BCA)

Dec 2021

Per:78

SKILLS

Languages: C/C++, Python, JavaScript, React, HTML/CSS, PHP

Tools: Git/GitHub, RapidMiner, Codeblock, VS Code, Jupiter Notebook,

Data Management: MYSQL, MongoDB, Data warehouse and Mining

Operating System: Windows, Linux

PROJECTS

Prediction-of-House-Pricing-by-Using-Machine-Learning | Python(Machine Learning,JupyterNotebook)Nov 2023

- Developed a predictive model leveraging advanced algorithms and statistical analysis to estimate house prices accurately. Utilized techniques such as regression analysis and ensemble learning to enhance predictive accuracy.
- Identified significant factors influencing house prices, including location, size, amenities, and market trends, through feature engineering and exploratory data analysis.
- Compiled and analyzed a comprehensive dataset of historical housing data, employing data preprocessing techniques such as normalization and outlier removal to ensure optimal performance of the machine learning algorithms.
- Conducted rigorous model evaluation and validation procedures, including cross-validation and hyperparameter tuning, to ensure the robustness and generalization of the predictive model.

Restaurant Management System | JavaScript, HTML/CSS, VS Code

Dec 2023

- Engineered a versatile catering management system to streamline event planning and food services for businesses and individuals. Designed an intuitive user interface to facilitate seamless interaction and navigation.
- Automated various day-to-day operations of a restaurant, including inventory management, order processing, and staff scheduling, through the development of a scalable and efficient management system.
- Implemented a Customer Relationship Management (CRM) system to effectively track and manage customer interactions, enabling personalized service delivery and customer retention strategies.
- Integrated analytics and reporting functionalities to provide insights into sales performance, customer preferences, and inventory turnover, empowering informed decision-making and business optimization.

College Forums with alumni based with content filtering | C++, Codeblocks

- Orchestrated a dynamic forum platform to cultivate meaningful alumni connections and facilitate knowledge sharing within the college community. Implemented features such as discussion boards, private messaging, and event notifications to encourage engagement and collaboration.
- Leveraged sentiment analysis and natural language processing techniques to monitor user-generated content and identify potentially harmful or inappropriate posts. Employed machine learning algorithms to continuously improve the effectiveness of the content filtering system.
- Designed a user-friendly interface with customizable profiles and notification settings, prioritizing user experience and accessibility. Incorporated gamification elements and rewards systems to incentivize active participation and contribution to the forum.
- Conducted regular user feedback sessions and usability tests to iteratively refine and enhance the platform based on user needs and preferences, ensuring sustained engagement and satisfaction.

Oct. 2023

CERTIFICATIONS

Data Structure and Algorithms — Programming Path Shala /

June 2022

Programing in C++ — Cypher school /

July 2023

