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Projects

PG Rent Suggestion System | PHP, MySQL, Responsive Web Design   **Oct 2024 - Nov 2024**
- Developed a web-based platform that helps users find and suggest PG accommodations tailored to their preferences.
- Built core functionalities such as user authentication, data management, and advanced filtering options for personalized recommendations.
- Connected the application to a MySQL database to store and retrieve PG details, ensuring efficient data handling.
- Designed and implemented a responsive user interface, providing an optimal experience across mobile and desktop devices.
- Integrated features like password recovery and dynamic filtering to enhance usability and convenience for end-users.
- GitHub Repository Link: https://github.com/abhaykumar30/PG-Rent-Suggestion-System

Bank Management System | *C++*   **June 2024 - July 2024**
- Dynamic Data Handling Data for bank accounts (account holder names, balances, and transaction history) is dynamically processed using file handling techniques, enabling persistence across sessions.
- User Authentication Secure login system, allowing users to access their accounts by verifying credentials.
- Account Operations Includes functionality for deposit, withdrawal, balance check, and transfer between accounts.
- Data Persistence Data is saved and retrieved from text files, ensuring information is maintained even after the program is closed.
- Github Repository Link: https://github.com/abhaykumar30/Bank-Management-System

Weather App | *JavaScript, Responsive Web Design*   **Sep 2023 - Oct 2023**
- Developed a weather forecasting platform that allows users to view current weather data and forecasts for different locations.
- Integrated dynamic data from a third-party API (e.g., OpenWeatherMap) to display real-time weather conditions, including temperature, humidity, wind speed, and weather descriptions.
- Implemented a responsive web design, ensuring a seamless user experience across both mobile and desktop devices.
- Included dynamic pagination for locations with extensive weather data and designed the app to adapt based on user input or location preferences.
- Github Repository Link: https://abhaykumar30.github.io/Weather-App/

Certificates

Programming using C++   **June 2024**
Cipher Schools

Web development   **Feb 2024**
Cipher Schools

Introduction to JavaScript   **Dec 2023**
Great Learning

Technical Skills

Languages C++, JavaScript, PHP, Mongo Db

Technologies/Frameworks: React JS, Node JS, Express JS

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design.

Education

Lovely Professional University Punjab   **2023 - Present**
*Master's of computer Application — **CGPA: 7.8***   *Jalandhar, Punjab*

GuruKul Kangri Deemed to be University Haridwar   **2020 - 2023**
*Bachelor of Science (Maths) — **CGPA: 7.2***   *Haridwar, Uttrakhand*

Sarswati Vidhya Mandir Dhampur   **2018 – 2019**
*12th with Science — **Percentage: 77%***   *Dhampur, Uttar Pradesh*

Sarswati Vidhya Mandir Dhampur   **2016 – 2017**
*10th with Science — **Percentage: 75.5%***   *Dhampur, Uttar Pradesh*