Ashmit Prajapati

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github.com/githubashmit

Skills

Languages: Python, C++ ,Java, Kotlin, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, IntelliJ IDEA, Pycharm, Google Colab, Jupyter Notebook
Technologies/Frameworks: Linux, Windows, GitHub, Git , overleaf
Soft skills: Problem solving, Team player, Adaptability, Project management

Projects

Code to convert Numerical value to Roman number | *Python* **December 2022**

- Engineered a Python program to convert integers to Roman numerals using recursion.
- Optimized numeral formation for accuracy while addressing edge cases efficiently.
- Implemented digit-wise processing to enhance precision in conversions.
- **GitHub link:** github.com/githubashmit/Numerical-to-Roman-Converter

Fitness Club Website | *HTML, CSS* **January 2022**

- Crafted a structured layout with a navigation bar, registration form, and interactive elements.
- Incorporated a responsive background image with adaptive sizing and flexbox-based navigation.
- Refined button styles with hover effects and ensured a user-friendly interface using structured form elements.
- **GitHub link:** github.com/githubashmit/GymWebsite

Real Face Mask Detection | *Python, OpenCV, Three Algorithms Used* **April 2024**

- Developed face detection using Haar cascades to identify faces in live video streams.
- Built a facial recognition system utilizing LBPH to train and recognize faces.
- Enhanced detection accuracy by integrating a deep learning-based model with a pre-trained Caffe framework.
- **GitHub link:** github.com/githubashmit/project

Food and Beverage: Wine Quality Prediction | *Machine Learning Project in Python* **April 2024**

- Processed and analyzed the dataset from the UCI Machine Learning Repository.
- Refined data through cleaning techniques and applied feature selection to improve accuracy.
- Implemented and evaluated three classification models: Logistic Regression, Random Forest Classifier, and Support Vector Machine (SVM).
- Boosted model performance through hyperparameter tuning and cross-validation.
- **GitHub link:** github.com/githubashmit/winequality

Certifications

- Data Structures and Algorithms in JAVA of Board Infinity — July 2024
- Data Structures and Algorithms in C and C++ by Abdul Bari — May 2024
- Programming in C++: A Hands-on Introduction — July 2024
- Web design (HTML, CSS, and Javascript) — January 2023
- Python — January 2023
- Cyber Security and Privacy of NPTEL — October 2024

Achievements

- Level 1 E-Commerce & Tech Quiz of the Flipkart GRiD 6.0 - Software Development Track
- Solved 110 problems on LeetCode. Leetcode link: **Leetcode.com/u/dark_noob**
- Solved 50 problems on GeeksforGeeks. GeeksforGeeks link: **geeksforgeeks.org/user/ashmitg4k1o**

Education

Lovely Professional University — **Punjab, India**
Bachelor of Technology, Computer Science Engineering (CGPA: 6.98) — *2022 – 2026*

Central Academy - Dadabari — **Rajasthan, India**
Higher Secondary School (Percent: 80.2) — *April 2019 – June 2021*

Little Flower School - Rapti Nagar — **Uttar Pradesh, India**
Secondary School (Percent: 91.2) — *April 2018 – March 2019*