

# PIYUSH DUBEY

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## CAREER OBJECTIVE

Final-year B.Tech CSE student passionate about coding and software development, eager to build scalable solutions, learn from experts, and contribute to real-world projects in a dynamic environment.

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## PROJECTS

### FLAMES Name Game (C++ Project)

- **Objective:** Developed a fun and interactive program to determine relationship compatibility between two names based on the FLAMES concept.
- **Methodology:** Implemented the logic using C++, performing character elimination and cyclic counting to derive the final relationship result (Friendship, Love, Affection, Marriage, Enemy, or Sibling).
- **Features:** Used string manipulation, modular arithmetic, and user input validation for accurate and engaging output.
- **Outcome:** Delivered a reliable, user-friendly console application that demonstrates logical thinking and efficient use of arrays and loops in C++

### House Price Prediction using ML (Regression Problem):

- **Objective:** Built a regression model to accurately predict residential house prices using relevant features.
- **Methodology:** Performed **EDA (Exploratory Data Analysis)**, feature engineering, and implemented regression techniques (e.g., Linear Regression, Random Forest regressor) to minimize the prediction error.
- **Performance:** Achieved Minimized Mean Squared Residual Error of 0.236

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## TECHNICAL SKILLS

**Programming Languages:** C++, Python, SQL, and MATLAB.

**Core Areas:** Data Structures & Algorithm, Object Oriented Programming, Machine learning.

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## EDUCATION

Shri Vaishnav Institute of Information Technology

Stream: B.Tech in Computer Science and Engineering. - (2022 - 2026)

CGPA: 7.79

Government Sanyogitaganj Higher Secondary School No

Class XII (Senior Secondary) - 2022

Percentage: 69.8%

Shri - G - International School, Indore (ICSE)

Class X (Secondary) - 2020

Percentage: 70%

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## REFERENCE

NAME: Mr. Pritesh Dubey

Designation: Associate Director

Organization: Deloitte Pvt Ltd

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