# ABHAY DAGAR

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DOB: Dec 05, 2004

Address: VPO Malikpur Zer New Delhi-110073

## Education

| | |
|---|---|
| **Indraprastha Institute Of Information Technology Delhi** | CGPA: 6.63 |
| B.Tech : CSAI | (till 4$^{th}$ Semester) |
| 2022 –2026 Present | |
| **Sri Krishna Sr. Sec School New Delhi, Delhi (Class-X)** | Percentage: 89.0% |
| CBSE | |
| 2019-2020 | |
| **Sri Krishna Sr. Sec School New Delhi, Delhi (Class-XII)** | Percentage: 89.6% |
| CBSE | |
| 2021 – 2022 | |

## Skills

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|---|---|
| **Expertise Area** | Python, Java, C++, SQL |
| **Programming Language** | MySQL, C++, C, Python, Java, Prolog |
| **Tools and Technologies** | MySQL, GitHub, Linux |
| **Technical Electives** | Data Structures, Advanced Programming, Operating System, Linear Algebra, Algorithm Design, Probability Statistic, Differential Calculus, DBMS, Statistical Machine Learning, Convex Optimization |

## Projects

**Stick Hero** (Oct,23 – Dec,23)

- Developed an immersive Stick Hero game utilizing **JavaFX**, **Scene Builder**, and **Java OOP** principles. Implemented seamless multithreading to deliver a smooth and engaging gameplay experience for players.

  Tech Stack: Java, OOPS, JAVAFX

**Facial Expression Detection** (Jan,24 – May,24)

- Facial Expression Detection using **decision tree**, **AdaBoost**, **bagging**, and **CNN** models. Evaluated each for accuracy and efficiency in recognizing emotions from **facial images**, **videos and live camera** optimizing performance for real-time applications.

Tech Stack: Python, CNN, NumPy, Matplotlib,stramlit

## Grofers-Online E-Commerce Platform

(Jan,24 – May,24)

- A Command Line Interface (CLI) backend for an online grocery store using MySQL and Python, enabling admin to hire/fire employees, manage inventory etc. Users to buy and sell products. Additionally, implemented a parallel transaction system with two types of logins: Admin and Customer.

  Tech Stack: Python, CLI, MySQL Database

## Automatic Data filling of NPS

(Jul,23)

- Designed a National Pension Scheme (NPS) application to autofill the data in table from the official data available online separately in a sequential manner for office use.

Tech Stack: Python, Openpyxl

## Protfolio Website

(Jun,24)

- I crafted a minimalist portfolio website employing HTML, CSS, ReactJs and Tailwind. The site is dynamic, fully responsive, and ensures an optimal viewing experience across all devices.

  Tech Stack: HTML, CSS, ReactJs, Tailwind

## Interests and Hobbies

- Cricket
- Coding
- Movies
- AI/ML Problems

Declaration: The above information is correct to the best of my knowledge.

Abhay Dagar
Date: 18th June, 2024