Arinjay Pathak

logo.jpg

Lucknow, Uttar Pradesh
Bachelor of Technology (B.Tech)
Pranveer Singh Institute of Technology, Kanpur

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GitHub | Linkedin | Leetcode

EDUCATION

Degree/Certificate	Institute/Board	Percentage	Year
B.Tech. (CSE)	Pranveer Singh Institute of Technology, Kanpur	65%	2021-2025
Class X	ST.FIDELIS COLLEGE(ICSE)	86.8%	2018
Class XII	ST.FIDELIS COLLEGE(ISC)	75%	2020

PROJECTS

- **Gun Guardian**

  It can be used in various applications such as digit recognition for postal mail sorting and bank check processing
  - GUN Guardian is areal weapon detection software used to alert the user to be aware of harmful weapon that can cause harm.
  - The project involved data pre processing, exploratory data analysis, and training a Convolutional Neural Network.
  - Real-world weapon detection is acritical aspect of ensuring public safety and security.
  - Javascript,HTML,DJANGOSQLITE and CSS..

- **Sorting Visualizer**

  It is a tool designed to visually demonstrate the process of various sorting algorithms
  - Developed a sorting visualizer tool that graphically demonstrates the step-by-step execution of 6 different sorting algorithms such as bubble sort,selection sort,insertion sort,merge sort,heap sort,and quick sort.
  - The project included designing interactive visualizations, implementing algorithm animations, and optimizing for performance and user experience.
  - This tool helps in understanding and teaching the mechanics of sorting algorithms effectively.
  - HTML, CSS and Javascript.

KEY COURSES TAKEN

- Data Structure and Algorithms, DBMS, Machine Learning, OOPS

TECHNICAL SKILLS

- **Programming:** C,Java,SQL.
- **Tools & OS:** Google Colab, Windows.
- **Web Skills: HTML,CSS,JS,**
- **Databases:** MySQL.

ACHIEVEMENTS

- Solved Total 600+ Problems on different platforms like GFG,Codechef,Codeforces and Hackerrank
- Achieved a Contest Rating of 1530 on Leetcode, ranking in the top 31% of users
- Global Ranking of 170,080/538,088 in Leetcode

CERTIFICATIONS

- Data Structure and Algorithms — *Udemy*
- Supervised Machine Learning: Regression and Classification — *coursera*
- Programming Fundamentals Using Python (Part 1 & Part 2) — *Infytq*
- HTML/CSS/Javascripts — *Infytq*

LANGUAGE KNOWN

- **English -** Professional Proficiency
- **Hindi -** Native / Bilingual Proficiency