**ISHAN MATHUR**

**MALE, 21**   **MOBILE: 8791307635 EMAIL ID: Imathur\_be21@thapar.edu**

**EDUCATION**

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| --- | --- | --- | --- | --- |
| Name of course | Year | College | % | Roll no |
| **Computer Engineering (B.E)** | 2021-2025 | Thapar Institute of Engineering and Technology | 8.08  (CGPA) | 102103408 |
| **CBSE Class XII)** | 2021 | Delhi Public School, Bulandshahr | 97.6 | 21636456 |
| **CBSE (Class X)** | 2019 | Delhi Public School, Bulandshahr | 98.6 | 5356333 |

**ACADEMIC PROJECTS**

• **DentMorph 3D - 3D Reconstruction of Dental Images**

– Spearheading a collaborative project on advanced 3D reconstruction of dental images.

– Employing **cutting-edge deep learning algorithms** to transform 2D dental scans into high-fidelity three-dimensional models, encompassing both X-ray imagery and intraoral scan data.

• **Topsis Predictor - Data Science and Web development**

– Developed a data-driven application focused on implementing the **TOPSIS** method for **multi-criteria decision-making**.

– The application processes user-uploaded CSV files, utilizing advanced data parsing, validation, and scoring techniques to ensure accurate TOPSIS calculations.

– Utilised nodemailer to email the result and Cloudinary for secure file storage.

• **Flying AeroBuzz - Airport Management System**

– Developed a comprehensive Airport Management System utilizing **DBMS, SQL,** and **PLSQL** aimed at optimizing airport operations.The project encompassed key functionalities such as flight scheduling, passenger management, staff allocation, and real-time tracking of airport activities.

– Made detailed use of designing **ER models**, converting **ER models to tables**, generalization, specialization, and principles of normalization to ensure data integrity and minimize redundancy.

• **Catch Me - Face Attendance Recognition System**

– Implemented a face recognition attendance system using HTML, CSS, Python, OpenCV, and face recognition libraries.

– The system captures live video from a webcam, detects faces in the video stream, and compares them against a database of known faces.Upon recognizing a face, it marks the individual’s attendance and displays their name on the screen. The attendance data is logged for record-keeping purposes.

**ACADEMIC ACHIEVEMENTS AND AWARDS**

•Currently **KAGGLE MASTER** , rank-521 (top 1%) in notebook category and rank-316 (top 2%) in dataset category.

• Profile at Kaggle.com, Link- ishanmathurkaggle28.

• Reached the top 5 percentile of Adobe GenSolve- Innovate to Impact, Certificate link. 2024 2024

• Hold a very good hands on **Data Structure,and Algorithms**. Solved more than 150 problems on Leetcode and HackerRank

• Completed 10 minor courses,on Coursera with completion certificates.

• Awarded **Merit Scholarship**,in the first year on the basis of JEE Main.

• **Gold Medalist**,in academics for **six consecutive** years.

• Cleared **JEE ADVANCED 2021**,and qualified RMO and PRMO.

**EXTRA-CURRICULAR ACTIVITIES**

• **Sergeant-At-Arms,Toastmasters Club, Thapar**– Conducted and managed the biggest speaking events on campus like Toast Talks and Toast Tussle. Also served as the marketing and publicity head for these events.

•**Technical Head,Linux User Group**– Conducted and participated in several hackathons, arranged various technical workshops, and conducted different coding contests

•Zonal-Level Chess player, and State-level Swimming player.

**OTHER INFORMATION**

•Passionate about problem-solving and strategic thinking, always eager to tackle complex challenges with a data-driven approach.

•Values collaboration and teamwork, actively contributing to cross-functional projects and initiatives.

•Enjoys staying up-to-date with industry trends and continuously seeks professional growth and development opportunities.