

LAKSHAY BATRA

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EDUCATION

Name of course	Passing Year	University/Institute	Percentage/CGPA
B.TECH Computer Engineering	2023-2027	Thapar Institute of Engineering & Technology, Patiala	7.58
CBSE (Class XII)	2023	Scholars Rosary Sr. Sec. School, Rohtak	92%
CBSE (Class X)	2021	Scholars Rosary Sr. Sec. School, Rohtak	94.6%

TECHNICAL & PROFESSIONAL SKILLS

- **Programming Languages:** Python, C++ , C
- **Web Development:** HTML, CSS, JavaScript, React
- **Databases:** Oracle SQL
- **Tools & Platforms:** Git & GitHub
- **Creative & Editing Tools:** Adobe Photoshop, Adobe Premiere Pro, Canva, Figma
- **CS Core Concepts:** DSA, OOPS, Operating Systems, Artificial Intelligence, Cyber Security
- **Soft Skills:** Analytical Thinking, Teamwork, Communication, Rapid Skill Acquisition

PROJECTS

Facial Emotion Recognition System | [LINK](#)

- Engineered a real-time facial emotion recognition system using **Python** and **OpenCV**.
- Trained the model on a dataset of over **2,000 images** to ensure **robust and accurate** real-time detection.
- Achieved an **85% accuracy rate** in classifying emotions like **happiness, sadness, and anger** from live webcam input.

Netflix Database Management System:

- Designed a **12-table** relational database to **manage movies, subscriptions**, and over **1,000** user profiles.
- Created **ER diagrams** and **relational schema** to ensure **normalized data storage** and **efficient query performance**.
- Implemented **5 PL/SQL procedures** to automate backend tasks like **subscription renewals** and **user activity logging**

Ecommerce Website | [LINK](#)

- Built a **responsive** e-commerce platform with **6 core** functionalities like **product filtering** and a **real-time checkout**.
- Utilized **JavaScript modules** for **real-time** updates and implemented basic **product filters**.
- Ensured a clean UI/UX for a catalog of over **200 sample products**, leading to a seamless and intuitive user interaction.

POSITIONS OF RESPONSIBILITY

Team Leader, Adobe India Hackathon:

- Led a team of 3 members to **design** a tech-driven solution during **Adobe's hackathon event**.
- Facilitated team **collaboration** and guided **technical** decisions to deliver a **functional prototype**.

Delegate, Model United Nations (MUN):

- Represented countries in inter-school MUNs, debating **global issues** and **drafting resolutions**.
- Gained experience in **public speaking, research, and diplomacy**.

COURSES & CERTIFICATIONS

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|---|------------------------------|
| • Microsoft Azure Fundamentals (AZ-900) - Microsoft Press | <i>June 2025 – July 2025</i> |
| • The Complete Full-Stack Web Development Bootcamp - Udemy | <i>May 2025 – July 2025</i> |
| • Data Analyst Experience Program - Deloitte Australia | <i>June 2025 – July 2025</i> |

OTHER INTERESTS & ACTIVITIES

- **Technology & Innovation:** Exploring innovative applications of **Python** and **Artificial Intelligence**.
- **Digital Creativity:** Skilled in visual design using tools like **Photoshop** and **Canva**.