

## EDUCATION

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<b>Indira Gandhi Delhi Technical University For Women (IGDTUW)</b>	2022–2026
B.Tech - Mechanical And Automation Engineering	

<b>Govt. Co-Ed Sarvodaya Vidyalaya (Class XII) - 88.8%</b>	2021
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<b>Sarvodaya Kanya Vidyalaya (Class X) - 88.4%</b>	2019
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## TECHNICAL SKILLS

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**Programming Languages:** C, C++, Python, JavaScript

**Web Development:** HTML5, CSS3, JavaScript, React.js, Flask (basic)

**Machine Learning:** Scikit-learn, Pandas, NumPy, Matplotlib, ML Algorithms

**Computer Science Fundamentals:** Data Structures, Algorithms, OOPs, DBMS, CN, OS

**Developer Tools & Platforms:** Git, GitHub, VS Code, IntelliJ IDEA, PyCharm, Google Colab

## PROJECTS

### ● **PORTFOLIO WEBSITE : Ishu-Igdtuw-portfolio – Demo Link**

Developed a responsive personal portfolio website using **HTML**, **CSS**, **JavaScript**, and **React**. Implemented modular design, smooth navigation, and deployed using **Vercel**.

### ● **PROJECT : Age and Identity Verification System (Zynga Hackathon ) – Github Link**

**Tech Stack:** Python | Flask | OpenCV | DeepFace | Tesseract OCR | HTML | CSS | JS -**Demo Link**

Built a real-time identity verification system that captures live selfies and compares them with uploaded ID card photos using DeepFace for facial recognition. Integrated Tesseract OCR to extract Date of Birth and calculate user age for eligibility checks. Designed a responsive web interface to streamline the verification workflow.

### ● **PROJECT: Cinematic-Genius-Movie-Recommender-System– Github Link**

**Tech Stack:** ML | Content-Based Filtering | Scikit-learn | TMDb API | Flask | HTML/CSS | JavaScript

[ **Demo :** ] Developed a personalized movie recommender system using **content-based filtering** techniques. Integrated **Machine Learning models** with the **TMDb API** to enhance recommendation accuracy .

Added features: movie search, detailed info, user customization, and appearance settings.

### ● **PROJECT : Hand Gesture Recognition-Virtual Keyboard - Github Link**

Developed as part of **Anveshan Foundation Internship** [ **Demo** ]

Implemented a virtual keyboard controlled via hand gestures using OpenCV and MediaPipe.

## EXPERIENCE

### ● **Prasunet Pvt. Ltd. Company - Data Science Intern (15 june - 15 july) - Remote**

Contributed to the development and implementation of data science projects. - **Certificate Link**

### ● **Computer Vision and Deep Learning Intern - Anveshan Foundation IGDTUW - Certificate**

**Tech Stack:** Python | OpenCV | MediaPipe | Deep Learning | TensorFlow | Computer Vision

[ **Demo Link :** ] Developed a virtual keyboard controlled via hand gestures using OpenCV and MediaPipe to detect and track 21 hand landmarks. Mapped finger positions to keyboard inputs with core typing features like Shift, Caps Lock, and sentence suggestions. Achieved over 87% accuracy in hand gesture recognition.

### ● **Python And Machine Learning Intern - Anveshan Foundation (IGDTUW) - Certificate Link**

## COMPETITIONS, AWARDS, AND VOLUNTEERING

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● **Scholarship Winner – Technip Energies India Scholarship (2023) – Selected among top 100. Link**

● **Open Source Contributor – GDG IGDTUW (2025) – Top-25 among 400 contributors. [Link]**

● **Tata Imagination Challenge (2024) – Selected for 2nd Round of national innovation challenge. [Link]**

● **Google Cloud Arcade (2024) – Earned skill badges and won Advanced milestone goodies. [Profile Link]**

● **Asia AI Odyssey Challenge (2024) – Participated in national AI challenge.**

● **Campus Ambassador – IIT Delhi – Represented campus at national innovation events.**

● **Volunteer – Desh Ke Mentor Program, NCT Delhi – Mentored students under Delhi Govt. initiative.**