# Eshani Dixit

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## EDUCATION

**SRM Institute of Science and Technology**                                                                  Chennai, India
*Bachelor of Technology - Computer Science and Engineering; GPA: 9.12*                    *April 2022 - May 2026*

**Courses:** *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

**City Montessori School**                                                                                            Lucknow, India
*Intermediate*                                                                                                       *April 2007 - June 2022*

*Achieved academic excellence throughout my entire schooling journey at City Montessori School. Attained a score of 89.8% in 10th grade and continued the trend with a commendable 90*

## SKILLS SUMMARY

- **Languages**:    Python, HTML, CSS, JavaScript, SQL, JAVA, AngularJS
- **Frameworks**:    Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask, NodeJS, Spring
- **Tools**:          GIT, MySQL
- **Soft Skills**:    Leadership, Time Management, Communication, Problem Solving, Attention to detail, Adaptability, Teamwork

## PROJECTS

- **Visualize360**:
  - Engineered an innovative **AI-powered solution** to transform **Press Information Bureau (PIB) releases** into visually engaging videos.
  - Utilized **web scraping** techniques to extract real-time data and convert it into multimedia content, improving **information accessibility** across multiple languages.
  - Enhanced public outreach by addressing **linguistic diversity** and ensuring a user-friendly experience.

- **GetYourPassword**:
  - Developed a **JavaScript-based password generator** to enhance **online security and privacy**.
  - Included **customizable options** for password length, complexity, and special characters to meet diverse security needs.
  - Designed an **intuitive UI**, ensuring ease of use for both technical and non-technical users.

- **AeroPredict**:
  - Created an **AI-powered web application** that provides **real-time air quality predictions** using advanced **machine learning algorithms**.
  - Implemented **personalized alerts and insights** to help users plan outdoor activities based on pollution levels.
  - Improved **public awareness of air quality** through an **interactive and user-friendly dashboard**.

## CERTIFICATIONS

- **Microsoft Azure AI Fundamentals**
- **Accenture Data Analytics and Visualization Virtual Experience on Forage**
- **Ethical Hacking Essentials**
- **Goldman Sachs Software Engineering Virtual Experience on Forage**
- **Cybersecurity Engineering Virtual Internship Program**

## ACHIEVEMENTS AND AWARDS

- Top 10 Finalist at Buzzonearth Hackathon, IIT Kanpur
- Top 6 finalist of Vishwakarma Awarks, IIT Hyderabad
- Top 10 Finalist in HackTrix Hackathon
- Participant of EY Techathon 4.0 by EY(Ernst Young)