

# Divya Arora

## Thapar Institute of Engineering and Technology

Bhadson Rd, Adarsh Nagar, Prem Nagar, Patiala-147004, Punjab, India

☎ +917009163535 • ✉ divyaarora873.dcmc@gmail.com



### Education

Program	Institution	CGPA	Year
B.E. (Computer Science & Engg.)	Thapar Institute of Engineering & Technology	8.9	2021-2025
All India Senior School Certificate Examination (AISSCE)	Manav Public School, Amritsar	94.4%	2019-2021
All India Secondary School Examination (A.I.S.S.E.)	D. C. Model Sr. Sec. School, Ferozepur	93.8%	2006-2019

### Key Projects

- [Research paper on Knee joint disorder classification](#)
  - Detecting knee joint disorders via selection of entropy-based features and classification of Vibroarthrographic signals
  - Research paper based on machine learning algorithms using python (Pandas, NumPy), machine learning models (Logistic Regression, SVM, etc.), paper given for review before publishing.
- [Spotify-Clone](#)
  - Developed a Spotify clone using HTML, CSS, and JavaScript, mimicking Spotify's design and functionality, including song display, playback, and playlist creation. Enhanced user interactivity and dynamic content management.
- [Cinema Booking App Design](#)
  - Designed a Cinema Booking App in Figma, featuring reservation, seat selection, and mobile ticket screens. Created interactive and polished UI elements for a professional user experience.
- [Covid-19 Power-BI Report](#)
  - Analyzed COVID-19 data using Power BI, creating an interactive dashboard with global confirmed cases, recoveries, deaths, and mortality rates. Visualizations include cumulative and daily counts, age group mortality rates, and active case distribution by country.

### Technical Skills

- Programming Language: C, C++, Python, MATLAB
- Operating System: Windows, Linux
- ML and DL: Model Selection, NLTK, RNN, NL, Tensor Flow, Scikit-Learn, CNN, Supervised/ Unsupervised Learning
- Web Technology: HTML, CSS, Javascript
- Business Intelligence tools: Power BI
- Data Science: Python with NumPy and Pandas, PySpark
- Tools: Latex, Microsoft Office, GitHub/Git, Visual Studio Code
- Designing Tools: Figma, Canva
- Certifications: AWS Cloud Foundations
- Certifications: ELC Activity Completion

## Achievements/Awards

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- As a high school student, I excelled academically and consistently maintained **top rankings** in both 11th and 12th grades.
- Outstanding academic performance in the second semester, with an SGPA of **9.8**
- Solved more than 120+ leetcode.

## Others

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- **Hobbies:** Travelling, Drawing, Tech Enthusiast
- **Languages:** Punjabi, Hindi, English
- **Ex-Member of a social club named GIRL UP:**
  - Played an active role in promoting gender equality and empowerment.
  - Organized and participated in various community service projects aimed at supporting girls' education and leadership development.
  - Collaborated with like-minded individuals to create positive change in the local community.
- **Ex-Member of Toastmasters club:**
  - Developed strong public speaking and leadership skills through regular participation in club meetings and events.
  - Received constructive feedback and mentorship from experienced members, contributing to personal growth and improvement.
  - Organized and facilitated workshops and training sessions, helping fellow members enhance their communication abilities.
- **Linkedin:** <https://www.linkedin.com/in/divya-arora-600a19253/>
- **Leetcode:** <https://leetcode.com/u/DivyaArora873/>
- **GitHub:** <https://github.com/DivyaArora873>