

## EDUCATION

- **Thapar Institute of Engineering and Technology, Patiala** 2020-2024  
*BTech, Computer Science – 8.4 (3<sup>rd</sup> Year)*  
Coursework: Data Structures & Algorithms, Machine Learning, Deep Learning, Artificial Intelligence, Data Science Fundamentals, Database Management Systems, AI Applications, Computer Vision, Predictive Analytics, Financial Derivatives.
- **Bhupindra International Public School, Patiala** 2018-2020  
*Senior Secondary Education (CBSE) – 90.2%*
- **Our Lady of Fatima, Convent High School, Patiala** 2008-2018  
*Secondary Education (CBSE) – 89.2%*

## INTERNSHIP:

- **Samsung Prism Research Internship**  
Sentiment Analysis (Zero Shot Learning):  
The aim of the project is to determine the attitude of a speaker, writer with respect to some topic or overall contextual Polarity of a Document.  
*Stack: Hugging Face Model, Python*
- **ELC – Thapar Summer Internship (Offline)** June - July 2022  
AI-Based Surveillance System (2022):  
Developed an intelligence system that can be installed at traffic posts to monitor, count, and find the traffic density.  
*Stack: OpenCV, YOLO, Numpy, Pandas.*  
*Hardware: Raspberry Pi, Camera Module v2, Led Display, etc.*

## TECHNICAL SKILLS:

C++, Python, SQL, NLP, PL/SQL, Linux, OpenCV, Numpy, Pandas, Scikit-Learn, Keras, pytorch, CNN, ANN, Git, Dockers, Visual Studio, Linux, Adobe Photoshop, AutoCad, Matlab, Microsoft Office/Excel.

## PROJECTS:

- **Bank Note Authentication:** Developed a Machine Learning Program that aim to detects fraudulent notes accurately.  
*Stack: Dockers, Random Forest Classifier, Flask.*
- **Advance Attendance System(2021):** Developed a Program that detects the Face and Logs the time of Entry in the CSV file which can return the Last Seen time/duration in speech.  
*Stack: OpenCV-Python, Face Recognition, Pandas, pyttsx3.*
- **Spotify Billboard Production:** Model that predicts spotify song's billboard success. Used Extra tree Classifier that gives Accuracy more than 85%  
*Stack: Pycaret, Extra Tree Classifier*
- **MINOR PROJECTS:-**
  - Car Price Prediction (*Random-Forest*)
  - Black Friday Sale EDA
  - Flight Price Prediction (*Linear Regression, Flask*)
  - Numer.ai Stock analysis (*Pycaret/QDA*)
  - Drug Recommendation System(*NLP/Sentiment Analysis*)

## ACHIEVEMENTS:

- Top 5- Kaggle Data Scientist Competition (*Stocks Dataset from Numer.ai*)
- Best Data Scientist (*TSS*)
- Recipient of T.I.E.T Merit Scholarship for the year 2020-2021

## POSITION OF RESPONSIBILITY:

- |   |                                     |                            |
|---|-------------------------------------|----------------------------|
| <b>Administrative Secretary</b>   | <b>OWASP THAPAR STUDENT CHAPTER</b> | <b>MAY 2022 – Present</b>  |
| <ul style="list-style-type: none"><li>• Introduced Coding Culture in College which helped <u>250+ students to get started in the technical domain</u></li><li>• Awarded with a commemorative plaque for leading a group of <u>150+ coding enthusiasts and motivating them in the field of machine learning and data science</u></li><li>• Conducted bi-weekly knowledge sessions on Python and <u>its applications in Machine Learning &amp; Data Science</u></li></ul> |                                     |                            |
| <b>CORE MEMBER</b>  | <b>OWASP THAPAR STUDENT CHAPTER</b> | <b>Aug 2021 – May 2022</b> |
| <ul style="list-style-type: none"><li>• Marketing Head-Hackowasp 3.0</li><li>• Recruitment Head.</li></ul>  |                                     |                            |