

EDUCATION

- **Thapar Institute of Engineering and Technology, Patiala** **2020-2024**
BTech, Computer Science – 8.4 (3rd 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, pytz, 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:

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| Administrative Secretary | OWASP THAPAR STUDENT CHAPTER | MAY 2022 – Present |
| <ul style="list-style-type: none">• Introduced Coding Culture in College which helped <u>250+ students to get started in the technical domain</u>• 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>• Conducted bi-weekly knowledge sessions on Python and <u>its applications in Machine Learning & Data Science</u> | | |
| CORE MEMBER | OWASP THAPAR STUDENT CHAPTER | Aug 2021 – May 2022 |
| <ul style="list-style-type: none">• Marketing Head-Hackowasp 3.0• Recruitment Head. | | |