

# KHUSHI

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## EDUCATION

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**PIET) Panipat Institute of Engineering and Technology**

Bachelor of Technology (B.Tech) in CSE (AI&DS)

(2020 - 2024)

- Specialization in Artificial Intelligence and Data Science.

SGPA: 8.6

**Geeta Vidya Mandir Public School, Panipat**

12th (PCM)

85.8%

10th

88.5%

## INTERNSHIP AND PROJECTS

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► **Data Science Intern, iNeuBytes**

(Aug 2023 - Sep 2023)

- Assisted senior data analysts in preparing reported framework for improved visibility of key performance metrics.
- Implemented cross-validation techniques to increase accuracy of machine learning models by 10%.

**Internship Projects:**

1. Heart Disease Classification Model
2. PM-2.5 Air Pollution Prediction Model
3. Predictive Analysis and Customer Segmentation Model

**Tech used:** Python and its libraries, Data cleaning, Data visualization, Tableau, PowerBI, ML algorithms (like KNN, SVM, Decision trees, Ridge regression and Random forest regression), cross validation etc.

► **AI&ML Intern, IMARTICUS LEARNING**

(July 2023 - Aug 2023)

- Implemented various Machine learning algorithms and used cross validation techniques to increase accuracy by 10-20%.
- Used Deep learning techniques for Image classification.

**Internship Projects:**

- Sales Prediction for Big Mart Outlets
- Image classification

**Tech used:** Basic Statistics, SQL, Python and its libraries (pandas, numpy), Machine Learning algorithms, Deep Learning using ANN, TensorFlow, Data visualization using Tableau and PowerBI.

## ACADEMIC PROJECTS

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► **Software Defect Prediction**

- Made an API that predicts the defects of CM1 (a spacecraft of NASA) in real-time using its attributes as input.
- **Tech used:** Data collection, Data cleaning, ML Algorithms (K-means for clustering, SVM, Random Forest, Decision tree for Classification, Ensembling methods, Python, pandas, Data visualization, API)

► **Oil and Gas Supply Dashboard using PowerBI**

- **Tech used:** Data collection, transformation, cleaning, visualization, reporting, presentation)

## SKILLS

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|----------------------------|-----------------------|-----------|
| • Python and its libraries | • Data Analytics      | • Tableau |
| • SQL                      | • Deep Learning (ANN) | • PowerBI |
| • Machine Learning         | • HTML, CSS           | • Excel   |