# TANUJ KUNDLAS

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## EDUCATION

**GRAPHIC ERA UNIVERSITY**                                                      Aug. 2020 - June. 2024
Bachelor of Technology in Computer Science                    (`CGPA:8.3`) **Dehradun, Uttarkhand**

**SHISHU NIKETAN MODEL SR SEC SCHOOL**                                                        2019
12th, CBSE                                                    (`Percentage:72`) **Chandigarh, Punjab**

**DAV PUBLIC SCHOOL**                                                                          2017
10th, CBSE                                          (`CGPA:10`) **Paonta Sahib, Himachal Pradesh**

## EXPERIENCE

**Graphic Era University, Dehradun**                                         July. 2023 - Sept. 2023
*VegeIsland,(ReactJS,NodeJS,Redux,Express,MongoDB)*                         *Dehradun, Uttarakhand*

· Internship Under Mr.Yuvraj Joshi(Assistant Professor,Department of CSE)
· Managed a team of 5 developers to design and develop a react application with responsive UI inspired by e-commerce websites.
· Innovated solution-finding strategies by collaborating with team.
· Developed and hosted API's for fetching and storing data.
· 96% success rate in data integration.

## PROJECTS

**Music Recommendation App**                                                 Aug 2022 - Sept. 2022
· Engineered and deployed a cutting-edge collaborative filtering music recommendation system.
· Gathered and thoroughly processed user listening history data and song metadata for system optimization.
· Independently executed the project, delivering results within an impressive three-month time frame.

**Twitter Sentiment Analysis**                                              Jan 2023 - March. 2023
· Conducted sentiment analysis on Twitter data using Python, NLTK, Tweepy and TextBlob.
· Gathered data from Twitter using the Twitter API and performed data preprocessing.
· Successfully attained an 85% accuracy in categorizing sentiments (positive, negative, or neutral) within Twitter posts.
· Designed and developed interactive data visualizations to present sentiment trends using Matplotlib.

**Pneumonia Detection Project**                                            March. 2023 - May. 2023
· Engineered a Convolutional Neural Network (CNN) model for automated pneumonia detection from medical images.
· Preprocessed and augmented a dataset of X-ray images to enhance model performance.
· Achieved an accuracy rate of 92% in pneumonia detection through extensive model training and optimization.

## SKILLS

**Programming Languages:** C++, Java, Python, JavaScript, HTML/CSS, SQL
**Development & Tools:** ReactJS, NodeJS, Redux, Express, MYSQL, Git/Github, MongoDB