

# PAVITRA LALWANI

## (Machine Learning Developer/Data Science Enthusiast)

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*A high-spirited and quick learning enthusiast in technical field, with major inclination of interest towards data science and machine learning*

## EDUCATION

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•JSS Academy of Technical Education Noida

**CGPA:8.3**

BTech(Computer Science and Engineering),2024

**Coursework:** Data Structure,Web Design,Analysis of Algorithms, Operating System, DBMS

## WORK EXPERIENCE

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- **ML Intern at Suvidha Foundation**

**MAR-APR,2022**

- Successfully developed a Spam Filter using NLP from scratch
- Successfully developed a Text Summarizer using NLP
- Studied and implemented several research papers on the subject of NLP

- **ML Intern at Vishwas Technologies**

**APR-JUN,2022**

- Successfully developed a user friendly library "CSVLibrary" which outputs the dataset in a Python console
- Worked on various Classification Projects using Convolutional Neural Networks
- Worked on various projects involving the use of Natural Language Processing

## PROJECTS

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- **Prediction of Cryptocurrency "Ethereum" using MachineLearning Algorithm**

Using the AutoTS Library from Python, performed a Time-Series Analysis of the changing trends in Ethereum price over the past 500 days, and used it to predict the price for the next 10 days.

- **Spam Filter using Natural Language Processing**

Deployed a Pipeline to identify the stopwords, and thus remove them, and using tf idf and countVectorizer, successfully completed the project

- **Brain Tumor Classification**

Completed with the help of Logistic Regression

- **Profanity Remover**

Removes profanity from a text by replacing explicit words with asterisk

- **Classification between the images of Cat and Dog**

Basic Application of Convolutional Neural Networks to identify and differentiate between cat and dog images

## TECHNICAL SKILLS

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- Languages: Python(Proficient),C,JavaScript
- Data Science: NLTK,NLP,Standard ML Algorithms(Regression,Classification,Clustering),Deep

Learning, OpenCV

- Data Analysis: Numpy,Pandas,Matplotlib,Seaborn,Plotly,Cufflinks
- Frontend: HTML,CSS,JAVASCRIPT
- Database: Mysql,Postgres
- Framework: Django
- Developer Tools: IntelliJ ,VS Code,Git,Eclipse,PyCharm,Jupyter Notebook,Anaconda

## HONORS AND AWARDS

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- **Solved 500+ problems** on coding platforms -Codeforces, Codechef, Leetcode, Hackerrank, Interviewbit.

## CERTIFICATIONS

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- Codechef Certificate for clearing Round 1B of SnackDown'21
- Google 30 Days of Cloud Certification
- Google Data Science and AI/ML Certification