

## SHUBHAM BHARDWAJ

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**Career Objective :** To attain a position in the field of software development to contribute my knowledge, skills and experience for the advancement of the company while studying and making myself grow with the company.

Graduated in BSIT from Stratford University with good academic record and keen interest and basic exposure in the field of Machine Learning and Data science.

Education	
BSIT, Computer Science & Engineering	2016-2021
12 th (Senior Secondary Examination) CBSE Board, 82%	2015-2016
10 th (Secondary Examination) CBSE Board, 84%	2013- 2014

## Technical Skills

- Currently working with Genpact India for the role of Technical Associate. ( October 2021- Present)
- Programming Languages – Html , Css , Python
- Machine Learning and Data science -- Data Analysis, Visualization with Python Libraries.

## Internships and Academic Projects

### • Simple Movie Recommender system

- Built a simple movie recommendation system that works using Machine learning algorithms and python libraries. It uses item based collaborative filtering based on their popularity/ Ratings and which are most similar to our choice.

The main goal of this machine learning project is to build a recommendation engine that recommends movies to users.

In this project i have performed the following steps:

1. Starting with the basic imports and Gathering data into dataframes and columns.
2. Filtering out and joining the relevant columns which are useful/not useful for us.
3. Performing Exploratory Data Analysis to get better insights about the data.
4. Cleaning out the Missing null values.
5. Sorting out the best rated movies with the most ratings as more the no. of ratings means more reviews and hence better user experience .
6. Randomly selecting two movies and then tried to establish a co relation between both of them. 7. Finally we will sort out the result of selected movies with atleast 100 minimum ratings as threshold.

### • Regression based projects –

○ **predicting survival rate of passengers** : The goal of this project was to analyze a dataset with information on passengers of the Titanic, and then to create a model that would predict whether or not they survived the disaster.

○ **predicting house prices** : The goal of this project was to analyze a dataset with information about the house prices in a certain locality and predict the future prices for the same using linear regression .

- I have performed the following steps in both projects:
  1. Gathering data and converting into dataframes format.
  2. Performing Exploratory Data Analysis to get more insights from the data
  3. Finding out the missing null values and Performing imputation of the following which are of our use.
  4. Cleaning out those null values which are in bulk .
  5. Creating dummy variables to convert alphabetical data into numerical.
  6. Performing Logistic regression by creating a log model and then finally try to predict the outcome.

#### **Data Analytics virtual internship, Inside Sherpa ( July – August 2020 )**

- Worked on Assesment of data quality and preparation of analysis.
- Did exploratory data analysis Using data visualizations techniques and algorithms to present insights.

#### **Certifications and Achievements**

- Currently Studying Online certified courses from Udemy/Coursera For Data science and Machine learning.
- Introduction to Neural Network and Deep Learning (In Progress ).
- Coursera – Data science Certified course by IBM ( September, 2020 ). (<https://bit.ly/3QWB6z>)
- Data analytics virtual Internship certification by inside Sherpa (December,2020 ).
- Python for data science and machine learning bootcamp course , Udemy (2021).
- Eight weeks Data analytics virtual internship training & certification from GRIP At The Sparks Foundation (<https://bit.ly/3RZ8AxS>)
- Data Science Certified Training course from Internshala (<https://bit.ly/3QVvTqX>) (November 2020)
- Participated in a group project where I worked upon building a website for an e-commerce startup .
- Attended a 7 days workshop on Digital Marketing.

#### **Personal Particulars**

Date of birth : January 18, 1999	Interests: Writing , Exploring nature etc.
Languages Known : Fluent in English & Hindi	Gender : Male
Martial Status : Single	Father's Name : Mr. Hariom Bhardwaj