## Kshitiz Singh

As a recent B.Tech graduate, I am eager to leverage my academic foundation and practical experience to contribute effectively to a dynamic and innovative data-driven team. I am seeking a challenging position that allows me to apply my skills in solving real-world problems and further develop my expertise in the field.

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github.com/Ksh-43

## **EDUCATION**

#### **B.Tech**

Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra

12/2020 - Present

SGPA(upto 6 sem): 8.4

## **CLASS XII (2020)**

L.B.V.M. Sr. Sec. School Pilibhit

Percentage: 76.6

## **CLASS X (2018)**

L.B.V.M. Sr. Sec. School Pilibhit

Percentage: 78.8

## WORK EXPERIENCE

#### Data Science Intern

Externs club Pvt. Lmtd, Bengaluru, India

07/2023 - 08/2023

Achievements/Tasks

- I performed tasks, including collecting, cleaning and preparing data sets for analysis. I worked closely with teams, from departments to understand their business requirements and translate them into data driven solutions.
- By using analysis I identified trends and patterns in datasets. I also developed data visualization techniques to present my findings to stakeholders.
- Additionally I assisted in creating and refining machine learning models for analytics. Throughout my work I utilized programming languages like Python for analysis.

#### **Data Science**

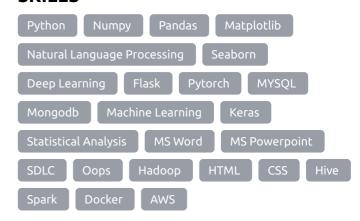
# British Airways Data Science Job Simulation on Forage

09/2023 - Present

Achievements/Tasks

- Completed a simulation focusing on how data science is a critical component of British Airways success.
- Scraped and analysed customer review data to uncover findings.
- Built a predictive model to understand factors that influence buying behaviour.

## **SKILLS**



## PERSONAL PROJECTS

Thyroid Disease Detection (03/2023 - 04/2023)

- Objective: Developed a machine learning model to identify thyroid diseases at a stage.
- Data Preparation: Conducted data cleaning, applied feature engineering techniques and scaled the dataset appropriately.
- Modeling Approach: Utilized regression, random forests and support vector machines (SVM), for classification.
- Performance Achievements; Attained 97% accuracy results on the test dataset.
- Deployment Strategy; Successfully deployed the model as a user web based tool for widespread accessibility.
- Technologies Utilized: Employed Python programming language along with scikit learn, TensorFlow and Flask frameworks.

## Flight Price Detection (07/2023 - 08/2023)

- Objective: Developed a machine learning model to predict flight prices
- Data: Collected and cleaned flight data, including routes, airlines, and historical prices.
- Feature Engineering: Engineered relevant features such as departure time, airline reputation, and route popularity.
- Model Selection: Utilized regression models (e.g., linear, random forest) to predict ticket prices.
- Performance: Achieved [81 R2 score or other evaluation metric] accuracy on test data.
- Hyperparameter Tuning: Optimized model parameters for improved accuracy.
- Deployment: Deployed the model as a web application for realtime price predictions.
- Technologies: Employed Python, scikit-learn, and Flask for development.

### **CERTIFICATES**

Certificate of completion for successfully completing Accenture Data Analytics Job Simulation on Forage.

Certificate of completion for successfully completing British Airways Data Science Job Simulation on Forage.