

# Navketan Kumar Singh

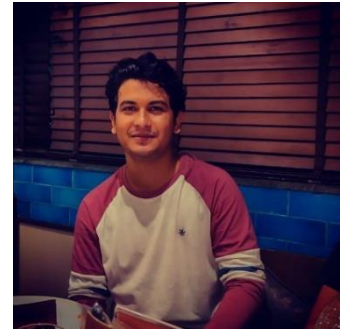
Linkedin:- [www.linkedin.com/in/navketan/](https://www.linkedin.com/in/navketan/)

Kaggle:- <https://www.kaggle.com/n22nav>

Hackerrank:- <https://www.hackerrank.com/n22nav1>

Github:- <https://github.com/n22nav>

Leetcode:- <https://leetcode.com/n22nav>



## EDUCATION

### Birla Institute of Technology — Bachelor's of Engineering

August 2017 – August 2021

Currently enrolled in ongoing Computer Science and Engineering Under graduation course in 8<sup>th</sup> Semester with an overall gpa of 7.4.

## ADDRESS

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Bajrangpuri, Patna, Bihar  
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[n22nav@live.com](mailto:n22nav@live.com)  
+917070762991

## PROJECTS

### Sentiment Analysis For Product Rating

Developed an e-commerce website by implementing Vue.js for frontend using JavaScript and Django for backend. This application provides user a facility to convert the given feedback into rating. For this conversion, sentiment analysis is used. The amazon dataset was used for training of bert model.

### Semi-automated ML Web App

I have developed an ML web app, which includes dataset uploading, EDA, data visualization, feature engineering and model deployment. Model includes both supervised and unsupervised category with classification and regression sub categories.

### Data Scientist Salary

I have worked on data scientist salary, whose predictions are done using Glassdoor data, through web scraping using selenium. It is a predictive modelling, for which I used ensemble regression techniques including XGBoost and random forest regressor.

### Summarization Using NLP

Implemented summary extraction using NLP technique. This includes the use of nltk and word2vec algorithm with word frequency and dependencies. This project is quite handy to get an overview of some topic in time constraint.

### Digit Recognition

It was a mini project on Mnist digit recognition kaggle dataset using CNN. My submission of hypothesis is in among top 10% on kaggle.

## SKILLS

Data Structures	★★★★
Algorithms	★★★★
Python Prog.	★★★★★
Problem Solving	★★★★★
C Programming	★★★
SQL	★★★★★

## TOOLS

- Matplotlib
- Tableau
- MongoDB
- AWS
- MS Office

## House Price Prediction

It is a predictive modelling using kaggle dataset. I have implemented stacked regression technique with ensembling my obtained hypothesis with boosting regression. My hypothesis is in to 11% of the kaggle submissions.

## Titanic Survivor

It is a classification model using kaggle dataset. For modelling I used random forest classifier with best estimator and checked that against grid search cv. My submission stands in top 16% of kaggle submissions.

## EXPERIENCE

### **Societe Generale — *Software Engineer***

September 2021- Present

Currently working as a Software Engineer, I am working on a project development which runs on a JAVA logic. Beside of which it requires database handling and maintainance.

### **Pratap Educational Services Pvt Ltd — *B D A Faculty***

June 2021- September2021

Currently working as Business Development Associate Faculty. Here my task is to teach Python programming language, content writing and participate in business development department too.

### **Codejee India Pvt Ltd — *Academic development trainee***

April 2021- June 2021

Worked as full time Academic development trainee. My task was to teach Python programming and do content writing.

### **Raks N Harrison R & D — *Team Leader***

July 2020- August 2020

Worked as a team leader in commercial project.

### **ExpertsHub — *Researcher***

Dec 2018- Dec 2018

Worked on a predictive modelling project. It was a team project and my contribution in it was to find essential insights for model.

## OTHER SKILLS

Statistics, Data Analysis, Exploratory Data Analysis, Data Visualization, Presentation, NLTK, Pandas, Numpy, Seaborn, Scipy etc

## COURSES

### **IBM Professional Data Science, Coursera**

April 2020 - PRESENT

Ongoing Coursera course of IBM Professional Data Science, which includes 9 sub-courses.

### **Stanford Machine Learning, Coursera**

March 2020 - March 2020

I have completed this course with more than 95% marks. In which I learnt mathematics behind basic algorithms used in Machine Learning

### **Data Science, Analytics Vidhya**

October 2019 -October 2019

I have completed this course with more than 87% scoring. In this I learnt uses of statistics and probability in model deployment with hands on practice.

## LANGUAGES

English, Hindi