

NIDHI SHARMA

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Objective

With 2+ years of progressive career in application development in python, java and ongoing master's degree in data science and 1 month data science internship from sparks foundation I am a focused and determinant enthusiast who would like to be a part of firms dealing with data analytics so that my skills can be an aid for the development and success of the organization.

Data Science And Python Projects

Analysed diabetes reports of a medical firm

- Analyzed and trained the model, and created an api using flask framework which can be used by an end user of medical clinic to predict whether the patient have diabetes or not after analyzing their medical reports and history.
- Deployed the project by using Docker and created a container of the model and api.

Comcast Telecommunications Data

- Analyzed the data for an American global telecommunication company Comcast using python data science libraries to provide insights for the cause of customer's bad reviews on company's customer services and provided solutions to improve the quality of services in most affected area.

Diamond merchant data set

- Analyzed a data set of Diamond merchant and worked on various machine learning models to predict the price of a diamond depending upon its features such as carats, depth, quality etc
- Created a rest api using flask and deployed the application using docker so that it can be used on any platform by the end users.

Data sets for analysis

- I have also worked and submitted 50+ data sets projects during my course in master's in data science program.
- Hands on experience on machine learning algorithms and deep learning with Keras and Tensorflow

My portfolio - Python based web application

- I have created my own portfolio using python and it's flask framework, using html, css and js as front end languages and deployed this project on server using Heroku.
- Link: <https://portfolio-nidhi228.herokuapp.com>

100 self made projects on python

- Worked on more than 100 python projects from basic to advance covering data structures, flask framework, python libraries such as numpy, pandas, beautiful soup, matplotlib, seaborn etc. GitHub repository github.com/NidhiSharma28



Experience

Sparks foundation

30th oct 2021 -

Data scientist internship

Ongoing internship from Sparks foundation as a data scientist.

Cognizant technology and solutions

5th-Apr-2021 - Present

Data Analyst

- Working as a data analyst to identify valid and invalid tickets – Based on the ticket dump and classified the tickets as valid (actions to be taken), international and non-international tickets
- Cleaned, analysed it every day and visualized it every week to understand any different pattern in the business day on day/week on week/year on year and reported it.
- Helped clients in building a smooth automated process of getting the key performance indicators out every day/week.

Cognizant technology solutions

1-Apr-2020 - 31-Mar-2021

Programmer Analyst

- Worked as a python programmer for iHub application based on flask framework, Rest and soap web services for client UPS.
- Involved in developing, monitoring and testing the application for achieving the business requirements.
- Resolved malfunctions with systems and programs through troubleshooting.
- Performed regression and system-level testing to verify software quality and function prior to release.
- Authored code fixes and enhancements for inclusion in future code releases and patches.
- Consulted regularly with internal customers on application development project status, new project proposals and software-related technical issues.

Cognizant technology solutions

05-Jan-2019 - 31-March-2019

Intern

- Intern Involved in an intense training camp on Python and Java from basic to advance.
- Cleared all the required assessments and courses offered with good ratings.
- Submitted a full stack project "MyWifi" on python and flask framework. Also submitted a full stack project "Sky roamer" using java and spring framework.
- Used mysql as database. Html, css, js were used as front end languages.



Education

Simplilearn

2021

Master's in Data science

Lakshmi Narain College of Technology and Science, Bhopal

2019

B.E in Electronics and Communication

8.23



Skills



Python - Flask framework, Rest, Soap webservises, Numpy, pandas and other libraries.

Data visualization libraries - matplotlib, seaborn, cufflinks, plotly etc

Machine learning - Linear & Logistic Regression, Decision Trees, Random Forest, K-means clustering etc using scikit learn

Data visualization tools: Tableau and excel

Database: MySQL, Postgresql



Certification And Achievements



Data Science and Machine learning boot camp, Udemy

Udemy - 100 days of code with python

Nptel - Python for data science

Simplilearn - Certified in Statistics for data science

Udemy- Certified in PLSQL and Mysql

Udemy - Docker and kubernetes for beginners