Nikhil Parmar

Proficient in running successful method-oriented operations and taking initiatives for business excellence through process improvement, targeting assignments in **Product/Data Analytics**.

✉ nikhilparmar976@gmail.com   📱 +91-6397243971

Profile Summary

- **Data Analyst specialization professional** offering rich & qualitative experience of **2 years hands on.**
- Proficient in Python. Worked on **Jupyter and PyCharm.**
- Data cleaning, Performing EDA (Exploratory Data Analysis) in Python using **NumPy, pandas, seaborn, matplotlib** etc.
- Feature Engineering for text using context, non-contextual embedding methods.
- Missing value and outlier handling, transforming variables, creating new variables, reshaping data etc.
- Experience working with textual data, Text data processing .
- Experience working with Log data, Log data processing.
- Experience working with **SQL, Excel, Word2vec, Doc2vec** models and building models.
- Hands on experience on performing different operation in SQL.
- Hands on experience in writing SQL queries to retrieve data for modeling.
- Hands on experience in **Machine Learning, python scripting** to develop prototypes and analytical models **Pycharm.**
- Hands-on experience of Data visualization tool **Tableau.**
- Understanding of hypothesis testing method to drive business decisions.
- Experience on **Github** using agile and scrum frame work, using **Git** integrated with **Azure DevOps** for versioning**.**
- Strong problem-solving and analytical skills with the desire to apply those skills in analysing complex business problems
- Proven capability to work effectively in a fast-paced, cross-functional, and sometimes high-pressure situations.

Work Experience:

Worked 6 Months Intern as a Full Stack Developer at App Squadz Solutions Pvt.	Aug 15 2022 – Jan 15 2023
Campus Placed at Cognizant for Graduate Software Engineer Internship Starts on	9th May – 9Aug

Education:

- **B.Tech. (Computer Science and Engineering)** from GL Bajaj Institute Of technology And Management, Greater Noida, Uttar Pradesh in (2019-2023) – 8.49 GPA
- **Intermediate(PCM)** BIC School Agra in (2018 -2019)- 74 %
- **High School** from Holy Public School, Agra in (2007-2018) – 8.69 GPA

Technical Skills:

Subjects – Operating System, Database Management System, Data structures and algorithms, Machine Learing.
Database Tools: SQL , Mysql
Programming: Java, Python
Web Dev Tools: HTML, CSS, Javascript
Deployment Tools: Azure DevOps
Tools/Platform: Azure Cloud Platform, Jupyter Notebook, Pycharm, Visual Studio code , Pycharm
Database tools: MS SQL Server, MongoDB.
Visualization: Tableau
Operating Systems: Windows

Personal Details

Date of Birth: 30 January 2001
Languages Known: English and Hindi
Address: D-1602, Ace Platinum, Sector-Zeta 1, Greater Noida Pin **–** 201308

💼 Project Experience

Company: Voith Digital

Project# 1:

Project: Voith CockPit

Description • Voith Cockpit is fault and defects prevention solution for Voith paper and Voith turbo machines. We have historical log data from many different sensors and IOT devices. This data needs to be parse and fine-tuned. This data is further taken through extensive processing and is converted to numerical format and then data is further used as input in to a deep neural network model to predict the faults in the machines and defects in the products**.**

Tools and Libraries: Visual Studio code, Jupyter Notebook, Pandas, NumPy, Seaborn, Pycharm

Responsibilities:
- Understanding the business problem and value addition to internal teams.
- Fetching raw data from various sources with SQL.
- Writing Parsers to parse the log data.
- Used python scripting for log data processing.
- Understanding the data, pre-processing, cleaning the Log data, handling missing values.
- Performing feature engineering to convert the data into numeric format using non-contextual, contextual techniques.
- Building a SQL model to classify weather the final product is defective or not.

Project# 2:

Project: Voith Complain Club

Description: For the Voith group of companies they have built a system that would use the text data shared by different – different divisions and departments which in form of complaints by their external customers, Vendors and internal different -different teams and classify them into categories based upon the most appropriate class/classes it belongs too, thus helping the query to be quickly routed to concerned team and avoid manual intervention and thus reduce time.

Tools and Libraries: Tools and Libraries: Jupyter Notebook, Pandas, Numpy, Topic Modelling, Multiclass classification Seaborn, matplotlib.

Responsibilities:
- Understanding the business problem and value addition to internal teams.
- Understanding the data, pre-processing, cleaning the textual data.
- Conversion of the text files to features using contextual approach.
- Building a python scripting model for multilevel classification, selecting a cut off by communicating with clients.
- Running through each of these categories, use topic modelling techniques, Word Cloud to get the important tokens in each category and suggest these as search terms to business to expand the data collection criteria.

Project #3:

Project: Voith Reporting

Description: Gathering and analysing the data to prepare reports for the bidding process Improvement for Voith hydro Projects...

Tools and Libraries: Jupyter Notebook, Pandas, NumPy, Python, SQL, Tableau etc.

Responsibilities:
- Extraction of Source data and doing EDA on the data.
- Understanding the business problem and value addition to internal teams.
- Understanding the data and finding patterns using visualization techniques.
- Cleaning and processing the data using techniques such as removing bugs
- Visualize the data, and get insights into data, major part of Descriptive stats.
- Reporting results of the model to various teams and leadership.
- Developed few descriptive dashboards using PowerApps in teams for Higher Management.