

Vidit Dhull

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Summary

- Stood **First** at CDAC-Bengaluru in **Post-Graduation Diploma (Big Data Analytics)**
- Scored **320 out of 340** in **GRE**; 168/170 and 152/170 in Quantitative and Verbal Section respectively
- Strong communication skills and can work well in a team

EDUCATION

- **PG-Diploma (Big Data Analytics)**, CDAC-Bengaluru, March-2023, **82%**
- **B. Tech (Computer Sciences)**, UIET-MDU, Rohtak, 2018-2022, **69%**
- **12th Standard (Non-Medical)**, CBSE, 2017, **83%**
- **10th Standard**, CBSE, 2015, **9.4 CGPA**

Experience

- **Alstom Bengaluru**
(31 March, 2023 - Present)

SKILLS/COMPUTER PROFICIENCY

- Programming Language: Python, Core Java, SQL
- Version Control System: git and GitHub
- Database: MySQL, Oracle Data Base
- Big Data Technology: Hadoop (HDFS and MapReduce), Apache Airflow, Hive, Kafka, HBase, Apache Spark
- Machine Learning: Decision Tree, Random Forrest, Support Vector Machines, Gradient Boosting Machines, XGBoost Classifier, Multinomial Regression, Clustering

- Deep Learning: Multilayered-Perceptron network, Recurrent Neural Networks, Convolutional Neural Networks, (LSTM) networks, Natural Language Processing, Transformers, BERT
- Packages: Numpy, Pandas, Matplotlib, Seaborn, Pyspark, Sklearn, Tensorflow, Keras, NLTK
- Web Scraping: BeautifulSoup
- REST API: Flask
- IDE: VScode, Eclipse, Jupyter, Spyder, Pycharm, Google Colab
- OS: Windows, Linux
- Data Analysis and Visualization Tools: Microsoft Excel, Power BI

PROJECTS

- **Credit Card Fraud Detection using Machine Learning**
(Dec 2022 – March 2023)
 - I led the team of 5 members to develop an end-to-end model that can classify the transactions as fraud and non-fraud. The Random Forest Classifier is selected as the model and it is implemented with Continual-Learning technique to keep re-training the model, and to adapt to the changing patterns of the frauds. This model can classify real-time stream of transactions. Kafka Framework is used to stream transactions in the real-time. The updates of the model are displayed on the dashboard. The dashboard of the model is updated in real time after every 5 seconds. The model is deployed using Flask Web Framework. It is deployed on the AWS EC2 Instance.
- **Web Scraper (Tradegy)**
(July 2022 – August 2022)
 - As an intern I developed a web-scraping script using BeautifulSoup framework to get the product details from TRADSEY website and save those details in JSON File.
- **Salary Prediction with Machine Learning**
(March 2022 – June 2022)
 - Independently developed a Machine Learning Model to predict the salary of an employee based on the experience, test score and interview score. Integrated this model with Flask API as a final semester project.

- **Social Networking With Flask API**

(Sept 2021 – Dec 2021)

- Independently developed Social Networking site with blogging functionality using Flask, html, CSS, Jinja template, SQL Alchemy ORM (Object-Relational Mapper)

Project Links

- Credit Card Fraud Detection using Machine Learning: <https://github.com/ViditDhull/FraudDetectionModelKafkaStream>
- Web Scraper (Tradesy): <https://github.com/ViditDhull/TradesyScraper>
- ML Model with Flask API: <https://github.com/ViditDhull/ML-Model-Flask-Deployment>
- Social Networking Flask: <https://github.com/ViditDhull/SocialNetworkingFlask>

INTERNSHIP

- **Intern at ExpertItBrains**

(July 2022 – August 2022)

During my internship under the guidance of Mr. Nishant Rathi; I developed a web-scraping script using BeautifulSoup framework to get the products details from TRADSEY website and save those details in JSON File

PERSONAL INFORMATION

Name: Vidit Dhull

Gender: Male

Age: 23 years

DOB: 24/09/1999