**Educational details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | %age | Grade | School/college | Board |
|  |  |  |  |  |
| **10Th Standard** | 68% | First Class | PARMS | Karnataka State Board |
|  |  |  |  |  |
| **PUC(PCMB)** | 74.4% | First Class | Royal composite PU | Karnataka State Board |
|  |  |  | College |  |
|  |  |  |  |  |
| **BACHELOR OF** | 64 % | First Class | MVJCE | VTU University |
| **ENGINEERING** |  |  |  |  |
| **(Computer** |  |  |  |  |
| **Science)** |  |  |  |  |



**EMPLOYMENT HISTORY**

**HCLTechnologies** - Oct 2016 to till today



**DBS – TRADE SERVICE AND MARKET RISK**

**Project**

**Description:**

**Deutsche Bank** *AG (literally "German Bank") a German global banking and financial services**company, with its headquarters in the Deutsche Bank Twin Towers in Frankfurt. It has more than 100,000 employees in over 70 countries, and has a large presence in Europe, the Americas, Asia-Pacific and the emerging markets. As of June 2017 Deutsche Bank is the 16th largest bank in the world by total assets*

**Role:** Data Scientist

**Language/Tools:** Python (Anaconda), Google Colab, Azure Notebooks, Floyd hub, MongoDB

**Responsibilities:**

* Analyze the requirements from the Functional Architecture and study the data in detail in order to make sure to apply the appropriate algorithm for the predictive Modelling.
* Extracted the data from MongoDB and loaded into the python using libraries for doing the Modelling
* Stock market trading facilitation service for their existing account holders, to be able to do so, they need to know which of their customers are going to be heavy traders or money makers for them.
* To build a prediction model which should be able to identify if a customer is potentially eligible for discounts
* Worked on for providing Statistical Analysis (E.g.: **Hypothesis testing, Correlation,** **Multi Variable Analysis,** etc.)
* Time Series modeling/Forecasting (E.g. **AR, ARMA, ARIMA, Decomposition,** **Exponential smoothening, Holt Winter**)
* Clustering Methods (**K** **–** **Means, DBSCAN, Hierarchical**)
* Regression Methods (E.g.: **Linear, Non Linear, Boosted Regression Trees,)**
* Classification methods (E.g.: Logistic Regression, Decision Trees, Random Forest, naive bayes algorithms)
* Used python with libraries like **numpy**, **pandas and Matplotlib, sea born, Python** **profiling for data mining and visualization.**
* Fine Tuned Hyper parameters of the algorithms using Grid search.
* Used different Metrics for validating and selecting best model.
* Used different metrics for the selecting cut offs for the classification algorithms.
* Worked on Feature Engineering, Standardizing the data using Maching learning techniques.
* Sentiment analysis using Natural Language Processing (NLTK, TextBlob, Spacy, Genism) for creating the word clouds and word embedding’s.



**TECHMAHINDRA – OPTUS**

**Description:**

**Optus Communications Pty Limited**isthe second largest telecommunications company in Australia, awholly owned subsidiary of SingTel (Singapore telecom). It provides services both directly to end users and also acts as a wholesaler to other service providers. It provides broadband, and wireless internet services

* Other wholesale services include Satellite, 4G Mobile and the only 4G wholesaler and the largest satellite wholesaler in Australia.

**Role:** Unix/ Python developer

**Language/Tools:** UNIX, Python, Unix scripting, Python scripting

**Responsibilities:**

* Build SQL queries for performing various CRUD operations like create, update, read and delete.
* Wrote Python scripts to automate the daily tasks.
* Responsible debugging and troubleshooting programming related issues.
* Experience object oriented programming (OOP) concepts using Python*.*
* Developed J2EE applications on IDE's like Eclipse, Pycharm, My Eclipse, and Rational Application Developer.
* Automated many scheduled tasks on these servers using Unix Shell Scripting and Python scripting.
* Used Unix shell scripting, Python scripting WLST to write monitoring scripts to monitor server’s performance and to automate the scheduled tasks.
* Frequently used Unix commands to check the logs for the issues.
* Configured cronjobs for scheduled tasks and monitoring



**CERTIFICATIONS**

* Data Analysis using Python from Udemy.
* Data Science using Python from Analytics Labs



**ACTIVITIES**

* Actively participate in Kaggle competitions. 
* Helping hand for other teams in data science applications and contributing ideas for process improvement to save time. 

|  |  |  |
| --- | --- | --- |
| **PERSONAL DETAILS** |  |  |
| Name | - | Ashoka MS |
| Date of Birth | - | 05/11/1992 |
| Marital Status | - | Married |
| Nationality | - | Indian |
| Languages Known | - | English Hindi, Kannada, Telugu |

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