RESUME

Ms. Shivkashi Karamunge
Email:shivkashikr1994@gmail.com
Contact No: 8202229648

Summary:

An astute Jr.Data Scientist professional with more than 2.5 Years of functional experience in AWS and Python. Have expertise in preparing data, developing and deploying highly scalable machine learning models.

Work Experience:

CRIF Highmark India Pvt. Ltd, Pune

Working as a Jr.Data Scientist in CRIF Highmark India Pvt. Ltd,Pune from Aug, 2019 to till date.

Project Undertaken:

Project 1:

Project Name :Anico loan services **Domain : Finance**

Description:

- Anico is an installment loan provider offering unsecured loans to meet clients' financial needs.
- Analyzing the data extensively, on multiple levels and aggregations; drawing inferences from the same and to make it suitable for predicting the quality of candidature of a loan applicant.

Responsibilities:

- Collect Data and Create Database.
- Co-ordinate with client teams to understand their requirements.
- Designing the test cases according to the changes in Product.
- Write reusable and efficient codes

Project 2:

Project Name : **Prediction of Hospital stay** **Domain : Healthcare**

Description:

- As Hospitals have restricted number of resources, requiring prompt use of beds and practitioner's time. It is in the best interest of patients, hospitals, and public health to minimize hospital stays to no longer than essential and to have an idea of how long a given patient may necessity to stay. The ability to predict how long a patient will stay, only with information available as soon as they enter the hospital and are diagnosed, can therefore have many positive effects for a hospital and its efficiency.

Responsibilities:

- Evaluating and preprocessing patient's data
- Analyzing records and using the data and classify patient accordingly.
- Use of predictive modeling to increase and optimize customer experiences, revenue generation.
- Coordinate with different functional teams to implement models and monitor outcomes.

Project 3:

Project Name : **Medical Insurance Document Classification**

Domain : **Document classification**

Description:

- Medical Insurance company looking to create a system, which predicts amount to be reimbursed to patient based on Invoice and Discharge summary

Responsibilities:

- Mine and analyze data to prepare disease wise categories to drive optimization and improvement of product development.
- Coordinate with different functional teams to implement models and monitor outcomes.
- Develop processes and tools to monitor and analyze model performance and data accuracy.

Professional Synopsis:

Δ Knowledge of Python's **Data Analysis** and **Machine Learning Libraries**.

Δ Implementation of **regularization** techniques like **Lasso and Ridge in regression.**

Δ Data mining algorithm experience in the families of predictive algorithms (**Regression, KNN, Decision Trees**), clustering algorithms (**k-means clustering**) and Ensemble Techniques (**Bagging and Boosting Algorithm**)

Δ Ability to process Text Processing using **NLTK** library and other **NLP** techniques.

Δ Source code management and Version Control system using **Git and GitHub.**

Δ Strong **communication and interpersonal skills.** Ability to **interact with customers** with ease and **professionalism.**

Δ Ability to achieve in-depth understanding of the problem domain and available data assets.

Δ Able to investigate **Data Visualization** and summarization techniques conveying key findings.

Δ Communicates findings and obstacles to team members to achieve best approach.

Δ Ability to write a clean and production code with **Object Oriented Programming** in **Python.**

Δ Development of REST APIs in Python.

Machine Learning and Data Science:

Δ **Python/ML Packages:** NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.

Δ **Machine learning:** Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naïve Bayes Classifier, k Nearest Neighbor's Classifier, Support Vector Machine, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, Gradient Boosting, XGBoost, K-means Clustering.

Δ **Text Processing:** NLTK, Term Frequency-Inverse Document Frequency, Word2Vec, Bag of Words.

Supporting Technologies:

Δ **Languages:** Python, SQL.

Δ **Cloud Platforms/Services:** AWS.

Δ **Web stack:** Flask.

Δ **Operating Systems**: Linux, Windows.

Δ **Database**: SQLite, MongoDB.

Educational Qualification:

B.E. Distinction in(Computer Science) 2019 from GSM COE Pune, Pune University.

Diploma in **EnTC** With 69.36% in 2014, MSBTE Maharashtra

SSC with 59.60 % in 2010 from State Board, Maharashtra.

Personal Details:

- **Date of Birth** :10-06-1994
- **Permanent Address :** At Navgharwadi Tq. Kandhar Dist. Nanded, 431714
- **Current Address** : Mamta Hostel Balewadi Pune,411045
- **Language known** : English, Hindi, Marathi