Resume

Bharat Aher

Email**: - aher.bharat07@gmail.com**

Machine Learning Engineer (3+ years' Experience)   Mob**: -** 9561153657

Profile Summary:

A passionate Machine Learning engineer having 3+ years' experience in predictive modelling, data processing, deriving useful insights from data, and data mining algorithms to solve challenging business problems. Strong background in Python and knowledge of various types of machine learning techniques

Work Experience:

- Machine Learning Engineer at **Bitwise Solutions** from June, 2018 to till date.

Skills:

- **Python/ML Packages:** NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.
- **Cloud Platforms:** AWS
- **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, K-means Clustering.
- **Text Processing:** NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words
- **Time-Series Analysis:** Basics of ARMA, ARIMA, SARIMA models for time series data analysis.
- **Operating Systems:** Linux, Windows.
- **Database:** MongoDB, SQLite.

Project Undertaken:

Project 1:

Project Name: Bank Customer Churn Prediction Analysis   **Domain**: Finance

Description:

- A well-known bank has been observing a lot of customers closing their accounts or switching to competitor banks over the past couple of quarters. This has caused a huge dent in their quarterly revenues and might drastically affect annual revenues for the ongoing financial year, causing stocks to plunge and market cap to reduce significantly. The idea is to be able to predict which customers are going to churn so that necessary actions/interventions can be taken by the bank to retain such customers.

Project 2:

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 .For that purpose mine and analyse 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

Professional Synopsis:

- Knowledge of Python's **Data Analysis** and **Machine Learning Libraries.**
- Implementation of **regularization** techniques like **Lasso and Ridge in regression.**
- 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**)
- Ability to process Text Processing using **NLTK** library and other **NLP** techniques.
- Source code management and Version Control system using **GitHub.**
- Strong **communication and interpersonal skills**. Ability **to interact with customers with ease and professionalism.**
- Ability to achieve in-depth understanding of the problem domain and available data assets.
- Able to investigate **Data Visualization** and summarization techniques conveying key findings.
- Communicates findings and obstacles to team members to achieve best approach.
- Ability to write a clean and production code with **Object Oriented Programming** in Python.

Education:

M. Tech: DBATU, Lonere Raigad, **7.62**

BE: MIT Aurangabad, **64%**

HSC: Jay Bhavani Highschool, Gadhi, Dist. Beed, **84.83%**

SSC: Sharada Vidya Mandir, Georai, **82.66%**

Personal Details

Current Address: Narhe, Pune.

DOB: 03/05/1989

Languages known: English, Marathi, Hindi

Status: Married

Hobbies: Astrology, listening music