



9552062808



dhage.vijay678@gmail.com



Yaldarkar Colany, Basmat Road,  
Parbhani 431401.

## PROFESSIONAL EXPERIENCE

3+ Years of working experience with Bitwise as Machine Learning Engineer from April 2020 till Date.

## EDUCATION

- BE (ENTC) | SSBT'S COET Bambhori, Jalgaon | 2019 | 7.52
- HSC | Vishwabharati Niwasi Jr. College | 2015 | 63.85%
- SSC | Gandhi Vidhaya Parbhani | 2012 | 82.55%

## TECHNICAL SKILLS

- knowledge of Machine Learning (both Supervised and Unsupervised) : Linear Regression, Logistic Regression, KNN, Decision Tree, Random Forest, Adaboost, Naive Bayes, K-Means Clustering, PCA
- Python/ Machine Learning Packages : TensorFlow, Scikit-Learn, Pandas, NumPY, Plotly, Matplotlib, Seaborn For Visualization, Regex.
- Text Pre-Processing (NLP) : NLTK, Gensim, Spacy, Tf-IDf, bag of words, Word2Vec, Clustering and modelling.
- Programming Languages : Python.
- Database Languages : SQL, MongoDB.
- Cloud : AWS, Azure.
- Visualization tool : PowerBI
- Frame Work : Flask, Django.
- Other Skills : Jira, Postman, Excel, Windows, Linux.

## KEY SKILLS

- Project understanding & Co-ordination
- Strong decision maker
- Quick Learner
- Adaptability
- Honest

## LANGUAGE

- English
- Hindi
- Marathi

## PERSONAL DETAILS

- DOB : 20 / 10 / 1996
- Marital Status : Single
- Hobbies : Travelling , Listening Music, Watching Movies.

# VIJAY DHAGE

## MACHINE LEARNING ENGINEER

## PROFESSIONAL SUMMARY

- A professional with 3+ years of functional experience in preparing data, developing and deploying highly scalable machine learning models. Hands on experience in delivering valuable insights via data analytics and advanced data driven methods.
- worked on end to end ML and NLP project from data gathering g to model deployment.
- Excellent understanding of Machine learning (both supervised and unsupervised ) techniques.
- Experience with common data science toolkits such as Anaconda, NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, NLTK etc.
- Well applied statistical skills such as distribution, statistical testing, regression, correlation etc.
- Well knowledge about the feature engineering and feature selection methods
- Also worked on the API creation and model deployment part with AWS and analyze the model performance and its accuracy.

## PROJECT

### PROJECT 1 : FRAUDULENT INSURANCE CLAIM IDENTIFICATION.

Domain : Finance

In this project our aim is to find the claim made by insured is fraudulent or not. To find this we build a model with the help of Machine Learning technique which saves time and get information about fraud claim . So that the correct insured claim will get the money in less time and fraud claim will be caught easily and dismissed also.

Roles and Responsibilities :

- Help develop vision, business case, modelling and operational project plans for end-to-end ML solutions.
- Lead the development of data science/ML models for high business areas .
- Work on all stages of data science / ML project -exploration and conceptualization POC (Proof of concept), data preparation and model deployment.
- Lead the development of standard building blocks for usage across multiple ML algorithm.
- Create API's and deploy the model on cloud.

### PROJECT 2 : CREDIT CARD DEFAULTER PREDICTION

Domain : Finance

In this project our aim is to find that, if we give credit card to the customer then that customer will refund all the money or not. On the basis of that client will decide to give the credit card to the customer.

Roles and Responsibilities :

- To carryout pre-processing, cleaning of data and to verify integrity of data
- To visualize and analyse data with data visualization with various python libraries to get insights of available data
- To develop appropriate machine learning model using various algorithms so it can satisfy the requirements with better efficiency.
- To develop appropriate machine learning model using various algorithms so it can satisfy the requirements with better efficiency.

### PROJECT 3 : SENTIMENT ANALYSIS WITH ROOT CAUSE DETECTION

In this project , we get the data of the sentiments of the customers on products of client and based on that sentiments we try to find the reason behind the less sell of the product and build a model which detect the bad sentiments and their cause and help client to improve the services and increase sell.

Roles and Responsibilities :

- To perform Tokenization and crating data frames by using Count vectorizer like Bag of words and TF-IDF Word2Vec. Feature extraction and feature selection.
- Coordinate with different functional teams to implement models and monitor outcomes.
- Develop processes and tools to monitor and analyse model performance and data accuracy.