

Mr. Prashant Maskale

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Designation: Machine Learning Engineer

PROFESSIONAL SUMMARY

A dynamic and motivated Professional having 3+ years of Data Analytics experience as Machine Learning Engineer in data-driven solutions to increase efficiency, accuracy, and utility of internal data processing

SUMMARY:

- Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture and data analysis.
- A detail oriented professional experience in Python, Data Science and Machine learning with expertise in Financial and Healthcare domain projects.
- Participating in Data Preprocessing Techniques in order to make data useful for creating Machine Learning Models.
- Strong communication and interpersonal skills. Ability to interact with clients with ease and professionalism.

Machine Learning and Data Science

❖ Python

- Numerical Python (NumPy)
- Pandas
- Regular Expressions
- Scikit-learn, SciPy
- Seaborn, Matplotlib
- Natural Language Processing, NLTK
- Flask

❖ Machine Learning

- Linear Regression, Logistic Regression
- K-Nearest Neighbor's (KNN)
- Decision Tree Regressor, Decision Tree Classifier
- Bagging: Random Forest Regressor & Classifier
- Boosting:
 - Ada-Boost,
 - Gradient Boost,
 - Xtreme GBoost
- Ridge Regression

- Lasso Regression
- Gradient Descent
- K-means Clustering
- Naïve Bayes Classifier
- Support Vector Machine
- Principal Component Analysis
- Natural Language Processing
 - TF-IDF
 - Bag of Words
 - Dynamic Language Modeling & Count Vectorization
 - NLTK
- EDA, Preprocessing, Feature Scaling Feature Selection
- Normalization Standardization, Regularization,

Source code Management Git, Gitbash & Github

Database Management MongoDB, SQL

Data Visualization Seaborn, Matplotlib, Pivot Charts

Web Stack Flask Framework

Cloud Platform AWS

❖ **Supporting Technologies:**

- Python
- Machine Learning
- Natural Language Processing,
- MongoDB, SQLite3, Excel & JSON
- Flask Framework & REST APIs
- MS Studio Code, Anaconda, Jupyter
- AWS
- Git, GitHub, Postman
- Linux, Windows10

PROFESSIONAL WORK EXPERIENCE

Currently working at Afour Technologies Pune as a ML Engineer from Jun 2018 to till date.

EDUCATION

Degree	University	Percentage
SSC	State Board	81.23
Diploma	MSBTE	75.77
B. E.	University of Pune	65.66

PROJECTS HANDLED

Project #1

Project Title : Credit Risk Analysis

Domain Type : Finance

Work Description: Drive efficiency in lending origination software, syndication in forecasting loan approvals

Responsibilities:

- Evaluating and preprocessing clients' credit data and financial statements in order to determine the degree of risk involved in lending money to them.
- Analyzing client records and using the data create recommendation system for payment plans.
- Evaluating the financial status of clients by producing financial ratios using machine learning.

Project #2

Project Title : Medi Assist Disorder Classification

Domain Type : Health Insurance

Work Description:

- Document Classification can help an organization to meet legal and regulatory requirements for retrieving specific information in a set timeframe. Document classification is an example of Machine Learning (ML) in the form of Natural Language Processing (NLP).
- Preprocessing documents: OCR (pytesseract, Amazon Textract, Google Vision)
- Text processing
- Classifier: Naïve Bayes (Multinomial)

Responsibilities:

- Building models with different algorithm and choosing be stones per the expectations.
- Create various documentations required as part of implementation
- Develop custom reports and analytics, dashboards for the various business requirements.
- Build Machine learning models for Predictions, Image processing, Natural Language Processing and other related areas.

PERSONAL DETAILS

Date of Birth : May 05, 1993

Gender : Male

Status : Unmarried

Languages Known : English, Hindi, Marathi

Address : Sneha Homes near warje bridge, Pune.