

Ketan Patil

OBJECTIVE

An astute Machine learning professional with more than 3 Year of functional experience in Computer Vision, Image Processing and Financial domain. Have expertise in preparing data, developing and deploying highly scalable machine learning models. Hands-on experience in building and running Deep Learning models in low power edge devices with reputed organization

PERSONNEL DETAILS:

ADDRESS :

N-1207 Tanish orchid phase 2
charoli, alandi road pune.412105

PHONE: 8265079984 / 9850455559

DOB: 06/03/1990

EMAIL: ketanpatil3785@gmail.com

EDUCATION:

BE(CS),

Padm. Dr vb kolte college of engineering
malkapur during 2013-2017 with 65%

HSC,

P jog junior college pune (MH Board) during
2007-2008 with 51%

SSC,

Nutan vidhyalay malkapur(MH Board) in 2006
with 79%

AWARDS AND ACHIEVEMENTS:

Machine learning (udemy certificate)

EXPERIENCE SUMMARY

Oct 2018 – Present

Associate ML Expert • Cal Soft Pvt Ltd, Pune.

June 2017 - June 2018

Php Developer • Vedika web solution, Pune.

PROFESSIONAL SYNOPSIS

- A professional with **3 years** of experience in **Python, Data Science and Machine learning** with expertise in **Finance** and **Document Classification** domain projects.
- 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**.
- Thorough understanding of **Probability** and **Statistics**, **Bayesian** methods, and **EDA**
- Experience in data management tools - **Relational and SQL databases**.
- Knowledge of Python's **Data Analysis** and **Machine Learning Libraries**.
- Implementation of **regularization** techniques like **Lasso** and **Ridge** in regression.
- Implementation of **Recommendation system** using **Collaborative** and **Content based filtering**.
- Source code management and Version Control system using **Git** and **GitHub**.
- Strong **communication and interpersonal skills**. Ability to **interact with customers** with ease and **professionalism**.

SKILLS SUMMARY

- **Machine Learning and Data Science:**
- **Python/ML Packages:** NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.
- **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.
- **Text Processing:** NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words.
- **Languages:** Python.
- **Cloud Platforms/Services:** Google Cloud Platform (GCP), AWS, Azure.
- **Web stack:** Flask.
- **Operating Systems:** Linux, Windows.
- **Database:** SQLite

HOBBIES:

- Learning new things

PROJECT SUMMARY

Project : Default of Credit Card Clients

Domain : Finance

Description:

The goal is to find the whether the clients are able to pay their next month credit amount. Identify some potential customers for the bank who can settle their credit balance.

Roles and Responsibilities:

- ❖ Understand, analyze, and interpret large datasets.
- ❖ Develop advanced programs to extract the data needed, prepare data for further analysis
- ❖ Handling imbalance Data, treating outlier, Data Wrangling, EDA, Feature Engineering.
- ❖ Perform analysis to assess the quality of the data, determine the meaning of the data, and provide data facts and insights.
- ❖ Applying ML algorithms, Evaluate the matrices like precision, Recall, F1 Score, confusion matrix

Project : Finance- Loan Prediction

Domain : Finance

Description:

To apply machine learning techniques to predict whether the loan will end up in "Good" or "Bad" status.

Roles and Responsibilities:

- ❖ Work on Machine Learning algorithm, EDA, Handling imbalance data, Missing values
- ❖ Write quality code while following best practices
- ❖ Detecting outliers and handling outlier, Feature selection, categorical to numerical conversion
- ❖ Applying ML algorithms, Evaluate the matrices like precision, Recall, F1 Score, confusion matrix
- ❖ Working on problem statement, analysis the data.
- ❖ Working on Numpy, pandas data frame for Numerical calculation and data analysis.