Suraj Sutar
ML Engineer

Pune •

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OBJECTIVE

A **ML Engineer** professional with more than **2.5+ Years** of functional experience in Computer Vision, Image Processing and Financial domain. Have expertise in preparing data, developing and deploying highly scalable machinelearning models. Hands-on experience in building and running Deep Learning models in low power edge devices withreputed organization.

PROFESSIONAL EXPERIENCE ....

ML Engineer | Tieto Software Technology, Pune
2.5 Years | July 2020 to Present

- A professional with **2.5+ 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, Time Series analysis.
- Knowledge of Python's Data Analysis and Machine Learning Libraries.
- Implementation of regularization techniques like Lasso and Ridge in regression.
- Source code management and Version Control system using Git and GitHub.

EDUCATION ....

- **BE |** Shivaji University | 2020 | First Class with Distinction

PERSONAL DETAILS.........

Dob: 10/28/1996

Languages: English, Marathi, Hindi

Hobbies: Swimming, Cricket

Marital Status: Unmarried

Achievements: Black Belt in Karate.

TECHNICAL SKILLS ....

- Machine Learning and Data Science:
- Python/ML Packages: NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.
- Machine learning: Linear Regression, Ridge & Lasso, Logistic Regression, Naïve Bayes Classifier, KNN, SVM, Decision Tree, Random Forest, Ada-Boost, Gradient Boosting, XGBoost, K-means Clustering.
- Text Processing: NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words. doc2vec, sent2vec, keypharse extraction
- Languages: Python.
- Cloud Platforms/Services: AWS. EC2, Sagemaker, Notebook instance, AWS container, S3, Multi-cloud environment, Deployment

PROJECT DETAILS ……………………………………………………….

Project : **Axos Lending system**
Domain : **Finance**
Description:

A pioneer in digital banking, Axos Bank offers a comprehensive range of innovative financial products and services with the highest level of security. Our powerful web-based platform gives you streaming real-time data and one-click loan execution – the same essential capabilities featured in our desktop software. CMV Group arsenal of lending and analysis tools gives you advantages once enjoyed only by professional traders.

Roles and Responsibilities:
- Understand, analyze, and interpret large datasets
- Develop advanced programs to extract the data needed, prepare data for further analysis
- Discover, design, and develop analytical methods to support novel approaches of data and information processing
- Perform analysis to assess the quality of the data, determine the meaning of the data, and provide data facts and insights.

Project 2 : **Content Classification Solution System**
Domain : **Document Classification**
Description:

Document Classification to help the organization to meet legal and regulatory requirements for retrieving specific information in a set timeframe.

Roles and Responsibilities:
- Mine and analyze data from company databases to drive optimization and improvement of product development, marketing techniques and business strategies.
- Work with stakeholders throughout the organization to identify opportunities for leveraging company data to drive business solutions.
- Search for ways to get new data sources and assess their accuracy
- Assess the effectiveness of new data sources and data gathering techniques.
- Use predictive modeling to increase and optimize customer experiences, revenue generation, ad targeting and other business outcomes.
- Coordinate with different functional teams to implement models and monitor outcomes.

OTHERS ……………………………………………………….

- **Web stack:** Flask, Postman
- **Operating Systems:** Linux, Windows.
- **Database:** SQLite, MongoDB
- **Deep Learning:** Neural Networks, ANN, CNN, DNN, Transfer Learning, Back Propagation, TensorFlow 2.x, Keras
- **Math's & Stats:**
  Filter, Wrapper, Embedded Methods, P-Value, T-Test, Z-Test, ANNOVA test, Chi-Square Test, Info-Gain Test, Hypothesis Testing. Probability, statistics, linear algebra, probability, statistics, linear algebra, Gradient Descent
- **JIRA:** Tickets, Tasks, Reports.
- **GitHub:** Git, Github, Gitbash
- **Anaconda:** Conda Env Setup.