SHREYA KULKARNI

MACHINE LEARNING ENGINEER

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CAREER SUMMARY:

Passionate Machine Learning Engineer with 1.5+ years of experience in Data Mining and ML Algorithms. Excited to implement Statistical Machine Learning Solutions, my skills and abilities that offers Professional & Organizational growth, while being resourceful and innovative.

SKILLS:

- **Python**
- **Machine Learning**
- **Data Science**
- **Natural Language Processing**
- **Exploratory Data Analysis**
- **Statistics**
- **AWS**
- **Flask**
- **MongoDB**
- **SQL, SQLite**
- **Github**
- **OS : Windows, Ubuntu**

COURSE:

- Applied Data Science : Scientific Computing & Python (with honors) from WorldQuant University

- 365 Data Science Program

STRENGTHS:

- Strong Analytical & Problem-Solving skills
- Ability to choose a techniquebased on the problem and thedata, debug and justifying as towhy a model may not be workingas expected
- Strong domain sense andexcellent verbal and writtencommunication skills
- Ability to write a clean andproduction code with ObjectOriented Programming in Python

WORK EXPERIENCE:

CAPITA INDIA PVT LTD , PUNE
(Apr 2020- Till date)

LOAN PREDICTION SYSTEM

Description:
- To build an ML model that on real time could evaluate whether the loan is approved or declined

Responsibities:
- Evaluating and pre-processing client's credit data and financial statements in order to determine the degree of risk involved in lending money to them
- Develop analytical ML model to forecast behaviors to meet & drive business growth
- Search and apply for different methods to enhance the accuracy of model

ENTERPRISE DOCUMENT MANAGEMENT SYSYTEM

Description:
- By classifying text, we are aiming to assign one or more classes or categories to a document, making it easier to manage and sort.

Responsibilities:
- Mine and analyze data from company databases to drive optimization
- Assess the effectiveness of new data sources and data gathering techniques
- Use of predictive modelling to increase and optimize customer experiences, revenue generation and other business outcomes

ML & DS SKILLS:

- **Python/ML Packages:** NumPy, Pandas, Sci-Py, Scikit-Learn, Flask, regex
- **Machine learning:** Linear Regression, Logistic Regression, Naive Bayes Classifier, k Nearest Neighbor's Classifier, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, XGBoost, K-means Clustering
- **Text Processing:** NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Bag of Words
- **Visualization tools:** Matplotlib, Seaborn
- Good knowledge of Exploratory Data Analysis (EDA) and Feature Engineering (Scaling, Handling Outliers, Encoding, Binning, etc)

EDUCATIONAL HISTORY:

- **PVG's college of Engineering & Technology,Pune**
  Electrical Engineering (CGPA - 7.0)

- **New arts, commerce & science college ,Ahmednagar**
  HSC(12th - science) (83.85%)

- **Shree Samartha Vidya Mandir Prashala,Ahmednagar**
  SSC(10th) (92%)

EXTRA CURRICULAR ACTIVITIES:

- MSCE Primary School Scholarship & MSCE Secondary School Scholarship
- A Grade in Elementary Drawing Exam & B Grade in Intermediate Drawing Exam
- Akhil Bhartiya Gandharva Mahavidyalaya's 3 classical singing examinations
- 1rst Rank in singing competition at New Arts Commerce & Science College, Ahmednagar