



**Kumar Prabhat**

Software Engineer seeking roles in Python Development, Data Analysis, Machine learning, Natural Language Processing, Deep Learning, Statistical Modelling, Linear Regression, Logistic Regression, Data Visualization, Python, Shell Script, Pandas, NumPy, Matplotlib

Current Designation: Software Engineer

Current Company: L&T Technology services

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad

Functional Area: IT Software - Application Programming / Maintenance

Role: Business Analyst

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Engineer, Business Analyst, Python Development, Data Analysis, Machine learning, Natural Language Processing, Deep Learning, Statistical Modelling, Linear Regression, Logistic Regression, Data Visualization, Python, Shell Script, Pandas, NumPy, Matplotlib

Verified : Phone Number | Email - id

Total Experience: 4 Year(s) 0 Month(s)

Highest Degree: M.Tech [Data Science]

Last Active: 22-Jan-21

Last Modified: 22-Jan-21

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## Summary

3.10 years of experience in Python Development, Data Analyst, Machine learning, Natural Language Processing (NLP), Deep Learning, Statistical Modelling, MySQL, SQLite3, PySpark, Flask. Proficient in working with multiple Machine learning algorithms and techniques such as Linear Regression, Logistic Regression, KNN, Naive Bayes, SVM, Decision Trees, Random Forest, Gradient Boosting, Ensemble methods, Neural Network and Deep Learning. Experienced in Feature Selection, Principal Component Analysis (PCA), t-SNE, Statistical Testing, Time Series Analysis. Proficient working knowledge in managing entire Data Science Project Life Cycle and actively involved in all phase including Data Collection, Data Preprocessing, EDA, Model Building and Model Validation. Hands on experience on Neural Networks & Deep Learning. Proficient in working with TensorFlow. Experienced in working with various Python libraries like Pandas, NumPy, Matplotlib, Sklearn, SciPy Beautiful Soup.

## Work Experience

### **L&T Technology services** as Software Engineer Jan 2017 to Till Date

Organization L & T Technology services

Duration Nov. 2019 to till

Technology and tools Python, Machine Learning, AWS

Project 1 Personalized Cancer Diagnosis

Responsibility:

- \* Developed the model to Classify the given genetic variations/mutations based on evidence from text-based clinical literature.

- \* Predict the probability of each data-point belonging to each of the nine classes.

- \* Used exploratory data analysis, Variable Discretization, Missing Value treatment, Distribution of Class-Label and handle the class Imbalanced data.

Models: KNN, Logistic Regression, Linear SVM, Random Forest, Stacking classifier, majority Classifier

Metric: Multi class log-loss, Confusion matrix

Organization L & T Technology services

Duration March 2019 to Oct.2019

Technology and tools Python, Machine learning, Flask, MySQL, SQLite3, AWS

Project 2 Insurance Fraud Detection

Responsibility:

- \* Predict the potentially fraudulent providers based on the claims filed by them.

- \* Discover important variables helpful in detecting the behaviors of potentially fraud providers.

- \* Used exploratory data analysis, Variable Discretization, Missing Value treatment.

- \* Univariate and Bivariate analysis, Multicollinearity check, Principle component Analysis, Feature Engineering.

Models: Logistic Regression, Decision tree classifier, Ensemble techniques, XgBoost

Metric: Confusion Matrix, F1-score



### Important

- Using Free CV Search you have access to featured candidate profiles of Naukri. You can browse through the profiles and email the candidates of your choice directly using the email option provided. To prevent misuse of candidate information, contact details and attached resume of the candidates have been withheld.

Organization L & I Technology services  
Duration July 2018 to Feb. 2019  
Technology and tools Python, Natural Language Processing, web scraper, Beautiful Soup, NLTK, Text Blob, Spacy  
Project 3 Review Analyzer tool  
Responsibility:  
\* Collect all review/ feedback Data from given URL and kept into a desired format and perform data cleaning for review Analyzer tool.  
\* Used the Beautiful Soup Python Library to extract desired data from a given URL an automated way.  
\* Perform the Data cleaning and manipulation.  
\* Performed text preprocessing used to stemming, stop-word removal, tokenization, lemmatization.  
Models: Word2Vec

Organization L & T Technology services  
Client Intel Technology India Pvt. Ltd.  
Duration April 2017 to June. 2018  
Technology and tools Python, Shell Script, LTE Protocol,  
Project 4 Log Analysis Tools  
Responsibility:  
\* Develop the logic to find the Pass/ Fail logs according to the TC's, find the verdict for fail, missing communication between UE and Network and find the all-important message between UE and Network.

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Education

UG: **B.Tech/B.E (Electronics/Telecommunication)** from **Rajiv Gandhi Proud yogiki Vishwavidyalaya** in **2016**  
PG: **M.Tech (Data Science)** from **Birla Institute of Technology and Science (BITS), Pilani** in **2021**

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IT Skills

Skill Name	Version	Last Used	Experience
Python, Shell script			
MySQL, SQLite3, AWS			
ANN, CNN, RNN			
TABLEAU			
Pyspark			
FLASK			
LTE(4G)			
Pandas, Numpy, Matplotlib			
SciPy, Sklearn, BeautifulSoup			
TensorFlow, NLTK, Text Blob, Spacy			
PyCharm, Jupyter Notebook, Notepad++			

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Languages Known

Language	Proficiency	Read	Write	Speak
ENGLISH				

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Affirmative Action

Category: OBC - Creamy  
Physically Challenged: No

Work Authorization

Job Type: Permanent  
Employment Status: Full time

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