Resume

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| **SOURABH KUMAR PRAJAPATI** | **Permanent Address**  J-79 New Colony, Churk- Sonebhadra(U.P.)  **Mobile : (**+91) 87070-86797  **Mail Id :** [prajapatisourabh22@gmail.com](mailto:prajapatisourabh22@gmail.com)  **Linkedin Id :** <https://www.linkedin.com/in/sourabh-prajapati-51129918a/>  **Github Id:**  <https://github.com/sourabhprajapati22> |

**CARRIER OBJECTIVE**

As a fresh Data Scientist, I have a strong foundation in statistics, machine learning, and programming. I have experience in collecting, cleaning, and preprocessing data to derive meaningful insights and draw data-driven conclusions. I am proficient in programming languages such as Python and have hands-on experience with popular data analysis tools and libraries such as pandas, NumPy, and scikit-learn, TensorFlow. I am always eager to learn and continuously improve my skills, making me a quick learner and a valuable asset to any team.

**PROFILE SYNOPSIS**

Highly motivated, strong work ethics, fast learner, strong analytic & communication skills with positive approach & innovate ideas and have an invaluable strength essential to qualify performance on job.

**PROJECTS**

* [ML Project CI/CD Pipeline](https://github.com/sourabhprajapati22/mlproject) **March 18, 2023**

Technologies:- Python-3.8.0, Flask, Github, VsCode

Anaconda and ML libraries

* [AgriFieldNet India Challenge](https://github.com/sourabhprajapati22/AgriFieldNet-India-Challenge) **Oct 31, 2022**

Technologies:- XGboost, LightGbm

Methods:- ensemble techniques use to modify the accuracy

Zindi Rank- 22 out of 179

score- 1.378947408 (Private score)

* [UmojaHack India Income Prediction Challenge by UmojaHack Africa](https://github.com/sourabhprajapati22/UmojaHack-India-Income-Prediction-Challenge-by-UmojaHack-Africa) **Oct 22, 2022**

Trian accuracy:- 97.04%

Test accuracy:- 95.83%

Technologies:- CatboostClassifier

Methods:- iterations and learning rate modify

Zindi Rank- 28 out of 128

F1 score- 0.615538512 (Private score)

F1 score- 0.627316857 (Private score after competition close)

* [Wheat Kernel Classification](https://github.com/sourabhprajapati22/Wheat-Kernel-Classification)

Trian accuracy:- 97.62%

Test accuracy:- 95.24%

Technologies:- StandardScaler, LogisticRegressor, RidgeRegerssor, PCA, LDA

Methods:- Without scaling and with scaling data analysis.

* [Email Classification](https://github.com/sourabhprajapati22/Email-Classification)

Train accuracy:- 99.10%

Test accuracy:- 98.47%

Technologies:- NLTK, MultinomialNaiveBayes, Pandas.

Methods:- Stopwords, Stemming, Vectorization

* Malbourne house price prediction (Kaggle Project).

Tools:- Jupyter notebook, Github

Methods:- RandomForestRegressor

* Digit recognizer using **LogisticRegression** and also done using Artificial Neural Network(**ANN)**.

**Developd these POC for the Internship purpose (fresher).**

**EDUCATION**

**B. Tech** **(Mechanical Engineering) 69.4%**

Institute of Engineering and Technology, Lucknow (U.P.) **2016-19**

**Diploma (Mechanical Production) 70.5%**

Govt. Polytechinc, Lucknow (U.P.) **2013-16**

**Intermediate 76.6%**

U.P. Board **2012**

**High School 71%**

U.P. Board **2010**

**ACHIVEMENTS**

* I found-out another **Low Severity** bug in Infosys. **Feb 22, 2022**
* I found-out the **High Severity** bug in one of the **Aug 8, 2021**

Maharatna company **IOCL.**

**CERTIFICATIONS**

* [Intro to SQL (BigQuery)](https://www.kaggle.com/learn/certification/friendsgyan/intro-to-sql) Kaggle **March 20, 2023**
* [MySQL Essential Training](https://www.linkedin.com/learning/certificates/dc7fd964df9bc5ebaaea8eb3785fbf8499d9002903c5a75a1abd062b157fc7a8) Linkedin **Dec 9, 2022**
* [Intermediate Machine Learning](https://www.kaggle.com/learn/certification/friendsgyan/intermediate-machine-learning)Kaggle **July 2, 2022**
* [Intro to Machine Learning](https://www.kaggle.com/learn/certification/friendsgyan/intro-to-machine-learning)Kaggle **June 1, 2022**
* [Python For Machine Learning](https://olympus1.mygreatlearning.com/course_certificate/EGDYFHSD)Great Learning **June 2022**
* [End-to-End Machine Learning with TensorFlow on GCP](https://coursera.org/share/1fb6e02136016fdcc225d71f2fcffad0)

Google Cloud (Coursera) **May 4, 2022**

* [My SQL Basics](https://olympus1.mygreatlearning.com/course_certificate/EXHJRXKZ) Great Learning  **May, 2022**
* [Data Analytics on AWS](https://coursera.org/share/3f195a9af9e0f7a716b6694911ef0b71)Amazon Web Services (Coursera) **Apr 15, 2022**
* [Machine Learning](https://coursera.org/share/6b93d9e467734e3622c5cb48a5c36bca)11week course Stanford University (Coursera) **Feb 8, 2022**

**TECHNICAL SKIL**

**Python:** Pandas, Numpy, Scikitlearn, Tensorflow, Keras.

**MachineLearning:** Supervised (LinearRegression, LogisticRegression, Regularisation)

Unsupervised (K clustering), Data Compression (PCA), xgboost, catboost, lightgbm.

**DeepLearning:** ANN, CNN, RNN, Xception, VGG16, YoLoV7, U-net, Image classification, Image detection.

**NLP:** Tokenization, StopWords, Stemming, Lemmatization, NLTK, Bag of words (DictVectorizer, CountVecitorizer, Tf-IdfVectorizer).

**Database**: MySQL, BigQuery.

**CI/CD Pipeline**

**HyperParameterTuning:** GridSearchCv, Pipeline.

Some basic knowledge of **Cyber Security**.

**ADDITIONAL ACTIVITIES**

* My final year B.Tech. project was **3D-PRINTER** completed in 2019.
* Passed the **NCC ‘C’ Certificate** examination held in 2012.
* Passed the **NCC ‘B’ Certificate** examination held in 2011.

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| **PERSONAL PROFILE** |

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| * **Date of Birth** | **:** | September 22nd , 1995 |
| * **Marital Status** | **:** | Unmarried |
| * **Gender** | **:** | Male |
| * **Father** | **:** | Mr. Vijay Kumar Prajapati ~ Teacher |
| * **Mother** | **:** | Mrs. Kiran Prajapati ~ Housemaker |

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| **DECLARATION** |

I hereby declare that the foregoing information is correct to the best of my knowledge and belief. I have not suppressed any material fact of factual information in the above statement. References can be provided upon request.

**Feb 2023**  **SOURABH KUMAR PRAJAPATI**