



Karan Shrestha

Jr. Software Engineer(Data Science Team)

Seasoned Jr. Software Engineer with good knowledge of Data Science/AI concepts who also maintain superior communication and analytical skills as well as being a good team player with excellent time management skills. Keen to learn and bring a can-do attitude to the workplace.

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WORK EXPERIENCE

Jr.Software Engineer(Data Science) Data Nova India Pvt Ltd.(Noida)

2019 - Present

Achievements/Tasks

- Total 2+ years of Experience out of which 1 years+ of Data Science work experience.
- Involved in Data Preprocessing Techniques, Data collection, Data Cleaning for making the data useful for creating Machine Learning models.
- Text data cleaning and preprocessing.
- And feature engineering, Data Visualization and Analysis.
- In-depth expertise with a rich repertoire of Regression, Classification, Clustering and Dimensionality reduction algorithms.
- Experience in creating Predictive models using algorithms like Kernel-KNN, Decision Trees, Random-Forest, Gradient-Boosting, SVMs, XgBoost etc.
- Was involved in designing the neural networks using Tensorflow for various internal projects within the company such as Object Detection and automated chatbots using NLP
- Communicate with client to understand the planning and requirements of projects and provide them progress reports.

EDUCATION

B.tech(Computer Science Engineering) ITS Engineering College-Greater Noida

2015 - 2019

AKTU University, Result: 73.0%

Intermediate/+2

Ashok Memorial Public School-Faridabad

2013 - 2015

CBSE board, Result: 80.0%

High-School

Ashok Memorial Public School-Faridabad

2012 - 2013

CBSE board, Result: 8.0 CGPA

Simplilearn-Online Course

One- Year Integrated DATA SCIENTIST
MASTER professional program(Online-Live
tutor) 📄

06/2019 - 06/2020

TECHNICAL SKILLS

Data Science - Python

Basics in R

Pandas

Tensorflow

Numpy

NLTK

SpaCy

SQL

Seaborn

Matplotlib

Scikit-learn

Encoders, Seq2Seq

Keras

Text Analytics

Natural Language Processing-Attention, Transformers

Machine Learning - Regression, Classification, Clustering &
Advance Boosting Techniques.

Deep Learning - CNN, RNN, LSTM Neural networks

PROJECTS

PRODUCT SALES FORECAST

- **CLIENT** : Tilbords
- **Technology** : Python, Machine learning Algorithm-KNN, Random Forest Regressor, Data Validation, Preprocessing, Clustering, Hyperparameter tuning.
- A predictive model which find out the sales of each product at a particular store.

CHATBOT-ATEA

- **CLIENT** : Bunnpris
- **Technology**: Python, NLP, DistilBERT, MongoDB, Data collections, JS, CSS
- A Conversational customer support chatbot for easy and quick interaction with the customers, resolve the query and provide the solutions.

HAND DETECTION-Shredder Machine

- **CLIENT** : PAAHJUL and TESS Øst
- **Technology**: Tensorflow object detection framework-SSDlite, Python 3.6
- Detect the hands of the workers working with the shredder machine and stops the machine if hands come near the machine to prevent the injury.

CERTIFICATION/ACHIEVEMENT

Gold Badge(Six Star) for Python on HackerRank! 📄

Certificate of Training in DATA SCIENCE WITH PYTHON
professional program . 📄

Certificate of Training in MACHINE LEARNING Advance
course. 📄