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YASHRAJ NIGAM

Data science and AI enthusiast with statistical knowledge and the ability to identify fine points of data in a sea of information.Hands-on experience in Machine learning and Deep learning.

CONTACT

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📍 **Indore,MP,India**

LANGUAGES

HINDI ★★★★★

ENGLISH ★★★★☆

REFRENCES

- **Mr. Harshal Goyal**
  Product Manager
  Anaxee Digital Pvt. Ltd,Indore
  Contact : +91 6264 915 233

- **Mr. Vijay Babu Gupta**
  Head of Department
  School of Data Science And
  Forecasting,DAVV,Indore
  Contact : +91 731 2470330

EDUCATION

2018-2020 — **MBA, Business Analytics (GPA: 7.8/10.0)**
School of Data Science And Forecasting
University:Devi Ahilya Vishwavidyalaya , Indore

2014-2018 — **BE, Computer Science (GPA: 7.3/10.0)**
Chameli Devi Group of Institutions, Indore
University:Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal

INTERNSHIP/EXPERIENCE

2020 — **Deep Learning / Computer Vision Intern**
TDB Technologies, Indore (February 2020 - Present)
- **Skills:** Deep Learning,Object Detection,Neural Networks etc.

2019 — **Data Analytics and BI Analyst Intern**
Anaxee Digital Pvt. Ltd., Indore (June 2019 - July 2019)
- **Skills:** Power BI,Tableau, Tableau Prep,Data Studio,Python and Airtable

2018 — **Digital Marketing Executive Intern**
Sixth Sense IT Solutions, Indore (February 2018- May 2018)
- **Skills:** SEO, SEM, E-Mail Marketing,Google Analytics etc.

2017 — **Software Developer Trainee**
Zensar Technologies,Pune(April 2017 - December 2017)
- **Skills:** Java J2SE, J2EE, SQL using Oracle11g

CONFERENCES/ WORKSHOPS

- **February,2019** — Artificial Intelligence Workshop
  Indian Institute of Technology (IIT), Indore

- **November,2018** — Analytics with the Analysts Conference
  Indian Institute of Management (IIM), Indore

- **2017,2018,2019** — Google Developers Annual Conference
  Google Developers Group (GDG), Indore

CERTIFICATIONS

- **July,2019** — Customer Analytics
  University of Pennsylvania,Coursera

- **July,2019** — Data Science Orientation
  IBM,Coursera

- **March,2019** — NLP and Text mining with Python
  Udemy

- **January,2019** — Data Science and Machine Learning Masterclass with R
  Udemy

- **June,2018** — Fundamentals of Digital Marketing
  Google

HONOR AND AWARDS

- Second runner-up in College Major Project Competition (2018)
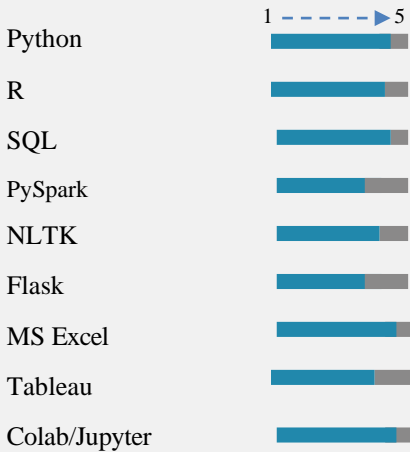- Most Viewed Writer at Quora (2017)
- School Integrity Award (2011)

SOFT SKILLS

Communication

Self-motivation

Problem Solving

Active Learning

Collaboration

HARD SKILLS

Programming

Statistics

Data Analytics

Machine Learning

Deep Learning

Linux

GitHub

TOOLS SKILLS

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Python

R

SQL

PySpark

NLTK

Flask

MS Excel

Tableau

Colab/Jupyter

❖ Deep Learning / Computer Vision

1. **Multiple object detection using SSD And Faster R-CNN**
   Brief: Using Single Shot Detector we can detect multiple objects within the image only in one single shot. Similarly, using Faster R-CNN we can detect multiple objects more accurately then SSD.
   Tools: OpenCV**,**Tensorflow(SSD),Keras(Faster R-CNN),Python,Pandas,GPU,Colab,LabelImg etc.

2. **Real-time custom face recognizer using Haar Cascade and DLib**
   Brief: Real time face recognition from Camera using Haar Cascade. Similarly,Face recognition using DLib we can recognize faces more accurately then Haar classifier on the images.
   Tools: OpenCV,Pickle,Face_Recognition,Haar Classifiers,DLib etc.

❖ Machine Learning / Predictive Data Analytics

1. **Zomato restaurants analysis and restaurants rating-predictor (Kaggle)**
   Brief: Analyzing Zomato restaurants in Bangalore & Predict the restaurant ratings using Machine Learning.
   Tools: Pandas,Seaborn, Scikit-learn, Random Forest Regressor

2. **Stock Price Prediction**
   Brief: Predicting stock price using ARIMA in R and Machine learning in Python
   Tools: Pandas,Seaborn, Quandl, Scikit-learn, R Studio,Quantmod

3. **Crop Sowing Prediction**
   Brief: Crop sowing prediction uses machine learning model to predict the type of crop farmer should sow on the basis of factors like season, temperature, humidity etc.
   Tools: Python, Scikit-learn, Pandas,Matplotlib

❖ Natural Language Processing (NLP)

1. **Sentiment analysis of Amazon reviews (Kaggle)**
   Brief: Sentiment analysis uses a process to computationally determine whether a piece of writing is positive, negative, neutral, or mixed.
   Tools: Python, Scikit-learn, pandas,NLTK, matplotlib

❖ Data Analytics/ Web Development

1. **API Development for Data Analytics on Cloud**
   Brief: Using flask API we can request analytical results from app, with JSON request and responds with data according to the conditions in the request deployed over cloud.
   Tools: : Python, Flask,JSON, Pandas,Heroku Cloud.Gdown,Postman

2. **API Development of Machine Learning Model**
   Brief: Using flask API created for Machine learning model, we directly use our machine learning model on different platforms like Android,Web App etc
   Tools: Python, Flask, Pandas,Heroku Cloud,Postman

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