



ANKUSH RATHOD

DATA SCIENTIST

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Shivranjan , Plot No.36 ,
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Expertise

- Languages:C,C++,SQL,Java ,Spring-R,R,Rshiny,Python ML,AI.
- CloudPlatforms/Services: AWS,Azure,Node.Js.
- Web stack: Flask.
- Operating Systems: Linux, Windows.
- Database:SQLite, MongoDB
- Auto-cad,Unigraphics, Catia.

Languages

English
Hindi
Marathi

EMPLOYMENT HISTORY

Data Scientist
ROYAL INFOTEL
Nagpur
3.7 Years

OBJECTIVE

Strong hold on C,C++,Java,Spring-R/R,R shiny,NLP,Python,ML,AI and Deep Learning Fundamentals as well as in Python Packages as Scikit Learn, Pandas, NumPy, Matplotlib,TensorFlow,PyTorch,Node.Js, Seaborn & Regular Expressions for around 4+ years into data science, now looking for opportunities to grow in my horizontal as well as vertical domain.

PROFESSIONAL SUMMARY

- 4+ years of hands-on experience in building scalable Machine Learning & Artificial Intelligence based solutions in a Big Data environment.
- Experience of building the ML/AI tools Pipelines and Identifying right ML/AI architecture is a must have.
- Exposure on Linux and Shell Scripting
- Thorough understanding of Probability and Statistics, Bayesian methods, Time Series analysis. Also Strong Coding Skills.
- Knowledge of Python's Data Analysis and Machine Learning.
- Good to have knowledge of any open source BI tool or power BI/Tableau
- Data mining algorithm experience in the families of predictive algorithms (Regression, KNN, Decision Trees) and clustering algorithms (k-means clustering).
- Ability to process Text Processing using NLTK library and other Natural Language Processing techniques.

EDUCATIONAL SUMMARY

- BE (CSE) | Babasaheb Naik College Of Engg., Pusad | Amravati University | 2014-2017 | CGPA-7.41
- DIPLOMA (Computer Engg.) | MSBTE, Mumbai | 2009-2012 | 63.86 %
- HSC | Phulsing Naik College, Pusad | Amravati State Board | Feb-2007 | 60.00 %
- SSC | Phulsing Naik Madhyamik Vidhyalay, Moha, Pusad | Amravati State Board | Jun-2003 | 63.86 %

SKILL SET

Machine Learning,AI and Data Science:

- PythonPackages-Numpy,Pandas,Sci-py,Scikit-learn,Seaborn,CNTK, Matplotlib,Flask,Node.Js,services/tools. ScikitLearn,TensorFlow,PyTorch,Caffe.
- Apache,Keras,OpenNN,Tableau/Power BI to handle the AI.
- Machine learning- Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naïve Bayes Classifier, k Nearest Neighbor's Classifier, Support Vector Machine, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, Gradient Boosting, XGBoost, K-means Clustering.
- Time-Series- AR, MA, ARIMA, SARMAX analysis Models.
- NLP- NLTK, TF-IDF, Word2Vec, Bag of Words.
- Languages-C,C++,SQL,Java,Spring-R,R,R shiny,NLP,Python.

PROJECT SUMMARY

Project #1 – Title: Sainsbury bank loan services

Client: Sainsbury, UK (Apr-2019\2020)

Domain: Finance

Description:

NOTE: *Give Away the description of your project here.

Responsibilities:

- Develop, Debug and maintain ML and AI software applications written in C++ for Debugging , Compile ,Data visualization,Python ecosystem, SciKit-Learn, TensorFlow, Keras, PyTorch,Apache,Keras,tableau,node.js and Power BI to handle and use to the all projects.
- Design ML and Deep AI Models for different types of data (time-series, sales, business data, images, etc.) and different output types (Classification, Regression, Clustering ...)
- Create stream learning models for forecasting, prediction, classification, detection.
 - Investigate the behavior of input and output data numerically.
 - Investigate and optimize models' performance.

Project #2 – Title: Document Management System

Client: BSI Software., Switzerland (June-2020\21-22)

Domain: Document Classification

Description:

• NOTE: *Give Away the description of your project here.

Responsibilities:

- Work on all stages of a C++ and Data Science / ML/AI project - exploration and conceptualization, POC (proof of concept), data preparation, model development and testing, deployment, monitoring and debugging, continuous improvement
- Partner with product, data engineering and ML engineering teams to ensure seamless productization of developed algorithm and management of full model cycle
 - Develop and follow best practices for developing, managing, maintaining and documenting machine learning models and all related work
- Lead the development of standard building blocks for usage across multiple ML algorithms and AI Tools.

STRENGTHS

- Perfectionist and want everything to be done right the first time
 - Creative, strong logical and analytical ability.
 - Very strong and effective organizational skills.
- Zeal to get things done on time and never postpone them.

PERSONAL INFORMATION

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| □ Sex & DOB | : Male & 11 May 1987 |
| Current Address | : Shivranjan , Plot No.36 , Sr No.24/46 , Raskar Park,Katraj, Katraj , Pune , Pin-411046. |
| □ Languages Known | : English, Hindi, Marathi |
| □ Hobbies | : Reading News Paper, Writing Story, Travelling, Watching News TV |
| □ Marital Status | : Unmarried |
| □ Achievements | : National Level Paper Presentation Treshold-2016. |
| □ Certifications | : Udemy (Python & Data Science) Certification |