Professional Summary

A Data Science, Machine Learning, Analytics, Consulting Enthusiast and Engineering Graduate with over 8 years of S/w development, data analysis, business consulting and delivery experience across FS, Telecom, and Healthcare ,CPG and Retail.

My goal in KPMG is to help organizations and people, in envisioning, developing and operationalizing innovative business development strategies and solutions through the adoption of a Data Driven mindset. I also help them enable rapid growth scenarios through the power of the technology by moving from Data to Insight to Foresight.

My primary depth areas are Consulting, Analytics, Data Science, Machine Learning, Modern Data Platform, BI and traditional Mission Critical systems.

I've worn many hats in my career—Data Science Consultant, Programmer, Support Engineer, Quality Analyst, Lead . As a result, I have a unique ability to seamlessly integrate business with technology and navigate through complex challenges.

Aspires to pursue a long term career in data science, business strategy, business analytics and consulting.

Shivendra Upadhyay

Consultant

(+91) 9535690766 | Shivendra.su@gmail.com

EXPERIENCE

(Nov '15– present)

Data Science Consultant:

KPMG Global Services:

- Experience & proficiency in using statistical computer languages & frameworks (Tableau Python, SQL, Alteryx, Qlikview , Tensorflow ,Scikit-learn ,Keras ,Pandas ,NumPy,OpenCv,Bokeh,matplotlib,PyTorch ,Git ,Hive etc.) to manipulate data and draw insights from large data sets.
- Have good understanding of statistics & algebra also fair amount of experience in various ML algorithms like KNN,K-Means ,SVM,Logistic Regression ,Random Forest ,PCA ,Decision Tree,XGBoost,Neural Network,Ensemble Learning ,CNN,RNN,NLP ,NLTK ,text classification ,image classification ,sentiment analysis ,recommender systems etc and their respective applications.
- Have used Hyper-parameter tuning: GridSearchCV etc.
- Resampling techniques: NearMiss, Edited Nearest Neighbor (ENN), Tomek Link Removal, SMOTE, SMOTE + ENN, SMOTE + Tomek Link removal
- Data Exploration, data preprocessing, feature engineering, feature selection, model evaluation, correlation, parameter significance Tests,EDA.
- Have worked in a NLP solution for USA government sub-contractors where we build a model to capture the manual invoices and contract form details. We used TF-IDF and Logistic Regression to classify the expenses to rightful departments and their sub-streams.It saved huge man hours plus reduced errors in processing of info drastically. Python and Tableau were used for data processing and visualization.
- Have worked in a project called Algorithm Comment Processing for a CPG giant of USA in order to automate their customer feedback & complaints to improve their support maintenance activities hence they could save time and manual effort & avoid errors .For it ML models KNN ,Random Forest ,TF-IDF were used via gouging Jacard similarity in textual literature and Python was used to process tons of text log files and to classify them.
- Have worked in healthcare project via doing predictive modeling for the feature set where KPMG came up with patient cost effective solution via scrapping public healthcare data in US and coming up with interactive dashboards and predicting the patient footfall for hospitals in respective states and disease care center serving rate .Python ,Machine Learning model regression were used and via Qlikview insights were shared.
- Used Python to automate the Database administration activity for Audit team so they can save time and manual effort also formatted reports were generated as per business requirements for Key stake holders.
- Have worked in pilot project for the biggest UK retail giant to regulate the Soy consumption in their products via various suppliers via comping up with custom business rules and the data was web scrapped via Python and data modeling was done in Alteryx and Key insights were presented in Tableau. Sql server was used for data storage.
- Have also used cloud platforms like AWS EC2 and GCP for ML.
- Good command over database technologies and data modeling like Oracle, sql server. machine learning and data analysis.

- Firm grip on visualization & ETL tools like Tableau, Alteryx, Qliksense, Qlikview to provide reports and summery of analysis or findings.
- Have used cloud solutions like GCP ,Amazon EC2 for ML model creation.
- Extensive experience working with cross-functional teams including delivery teams to understand and communicate business problems, different clients across globe also have fair amount of experience in project management.

(Nov '13 – Oct '15)

Senior BI Developer:
NTT Data GDS:

- Have worked in NTT Data, Bangalore as a DB/BI developer for Fidelity DWH project for HR and business activity dashboard reporting framework called Digital Dashboard using Tableau.
- Perform development of various business metrics via creating periodic dashboards, reports and story points in Tableau to help Fidelity top management take informed decisions in investment business. Have to do data migration, unit testing and performance tuning on SIT, UAT and Dev environment.
- Actively involved in requirement gathering and enhancement process for existing code. Analyze the requirement and work with BA also take part in Data Modelling. Have to resolve production defects need to attend client call and provide on call support to business user.
- Project based on Informatica , Plsql and front end reporting is being done via Tableau .These report give real time aspects with KPIs of business usability and efficiency via which business processes can be enhanced to help enable the clients goal more palpable and to improve productivity in long run via refining the strategic model of a Competitive Intelligence Framework with a view of creating a competitive advantage and go to market strategy for Infosys services and products.

(June '10 – Oct '13)

Software Engineer
TechMahindra LTD:

- Have had 3.5 years of exp. in TechMahindra, worked in Plsql ,DWH.
- Have worked as an Oracle application developer for 3 years.
- Have both functional and technical knowledge of Sales and Marketing and Order Management. Also have fair experience of leading the team and driving business growth.
- Excellent analytical and programming skills, Self-motivated, a quick learner and team player. Extensive knowledge of telecom functioning with very good grip on technical niche.

EDUCATION

(2005 – 2009)

Bachelor of Engineering (B.E.)
RCET ,Bhilai ,CG
Major: Computer Science | **Percentage**: 65.4

(2003 – 2004)

12th Board (HSC)
BSP HSSR ,Bhilai
CG Board | **Percentage**: 70.2

(2001 – 2002)

10th Board (SSC)

BSP HSSR ,Bhilai
CG Board | **Percentage**: 79.9

Personal Details

Date of Birth : 17th DEC 1986.
Marital Status: Unmarried.
Passport No   : H3875857
Nationality   : Indian.

Personal Hobbies and skills:

Divisional level cricket player also University champion in cricket & basketball.
Creative Editor of college tabloid "EYE".
Scout cadet & awarded best student of the school.
Have won scores of accolades in debate & essay writing competition