Aashish Arora
SENIOR LEVEL PROFESSIONAL

Analytics | Data Science

Location Preference: Anywhere in india

PERSONAL DETAILS

✉ aashisharora619@gmail.com

📱 +91-9034095434

CORE COMPETENCIES

Project Management & Delivery

Analytics Consultancy

Machine Learning

Predictive Maintenance

Business Intelligence

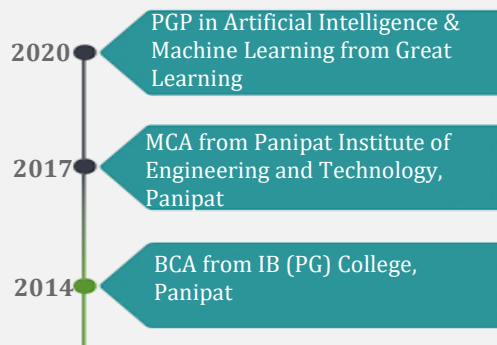Client Relationship Management
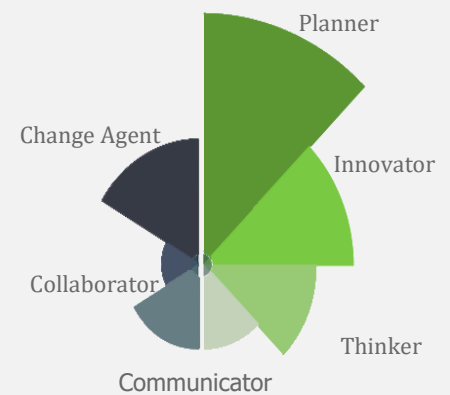
Text Analysis

Data Science

Team Building & Leadership

PROFILE SUMMARY

❖ A dynamic professional with **over 3 years** of rich experience in managing complex, multi-functional IT programs, requirement analysis, machine learning, predictive maintenance and utility of internal data processing
❖ Played a vital role in delivering trainings related to machine learning
❖ Comprehensive experience in applying Model Evaluation and Selection techniques like k-Fold Cross Validation, Grid Search
❖ Hands on experience in Extract, Transform & Load (ETL) development using SQL Server Integration Services (SSIS)
❖ Strong knowledge of Data Visualization using PowerBI, Subqueries, Joins and data warehousing concepts
❖ A keen planner, strategist & implementer with expertise in managing delivery frameworks and new technology implementation for streamlining related activities within time & cost parameters as per quality standards
❖ Expertise in identifying & developing innovative and out-of-the-box analytical solutions using suitable machine learning algorithms and statistical methods to achieve actionable insights optimize business decisions

ACADEMIC DETAILS

Year	
2020	PGP in Artificial Intelligence & Machine Learning from Great Learning
2017	MCA from Panipat Institute of Engineering and Technology, Panipat
2014	BCA from IB (PG) College, Panipat

SOFT SKILLS

Planner
Innovator
Thinker
Communicator
Collaborator
Change Agent

WORK EXPERIENCE

Since Dec 2020 with SB Energy, Delhi as Associate Data Scientist

Key Result Areas:

❖ Utilized analytical and technical expertise to provide insight and proposals to support business improvement.
❖ Conducted business analysis to understand business needs and requirements to translate the conceptual designs.
❖ Build predictive models using various machine learning tools to predict the possibility of equipment failure.
❖ Design algorithms to detect and track anomalies in multiple equipment for renewable energy industry.

July 2017 to Dec 2020 at Hitachi Vantara, Pune as Consultant (C2)

Key Result Areas:

❖ Working closely with development teams to ensure accurate integration of machine learning models into firm platforms
❖ Developing the team's capabilities in data science and machine-learning, and apply them to create new data-driven insights
❖ Developing data models, implementing databases, and writing stored procedures, also analyzing content and quality of databases, and recommending data management procedures
❖ Delivering sund implementing the project as per scheduled timelines, extending post-implementation and maintenance support to the technical support team and client
❖ Identifying data requirements/designing data warehouse and business intelligence applications to satisfy client business objectives

PROJECTS

Project: Fault Prediction in Transformers
Period: Dec'20-Jan'21
Techniques Used: Random Forest
Tool Used: Python
Accuracy: 84%

Project: Fault Classification in
Transformers
Period: Jan'21-Feb'21
Techniques Used: Random Forest
Tool Used: Python
Accuracy: 72%

Project: RUL in Transformers
Period: Feb'21-Feb'21
Techniques Used: Bagging Regressor
Tool Used: Python
Accuracy: 72%

Project: Automatic Ticket Classification
Period: Apr'20-Jul'20
Techniques Used: Lemmatization, Glove
Embedding, Random Forest, BI-LSTM
Tool Used: Python
Accuracy: 93.65%

Project: Safety Helmet and Vest Detection
Period: Oct'19-Mar'20
Techniques Used: Cognitive Services,
PowerApps, PowerBI, Logic apps, Azure,
Machine Learning
Tool Used: Microsoft Azure
Accuracy: 94.47%

PERSONAL DETAILS

Date of Birth:
4th August 1994

Languages Known:
Hindi & English

Permanent Address:
H No. 13, Patel Nagar, Tehsil Camp, Panipat,
Haryana-132103

- ❖ Creating the requirements analysis, the platform selection, design of the technical architecture, design of the application and development, testing, and deployment of the proposed solution
- ❖ Applying dimensionality reduction techniques like feature selection (elimination, variance, and correlation threshold) and feature extraction techniques like PCA.
- ❖ Leading a cross-vertical teams., briefing them about the specifications and meeting individual & group targets
- ❖ Mapping client's requirements & providing best products to suit their requirements; generating business from existing accounts and achieving profitability & growth

TECHNICAL SKILLS

Statistical Concepts: Descriptive Stats, Inferential Stats, Hypothesis testing, Exploratory Data Analysis, Feature Engineering

Supervised Learning: Linear regression, Logistic regression, Naive Bayes, K-Nearest Neighbor, Support vector machine, Decision Tree

Unsupervised Learning: K-means Clustering, Hierarchical Clustering, Principal component analysis and dimensionality reduction

Ensemble Techniques: Random Forest, Bagging, Boosting

Natural Language Processing: RNN, LSTM, GRU, Word2vec, Glove, tf–idf

Programming Languages: Python

Database: SQL Server, Azure SQL

ETL Tool: SSIS

Framework/IDE: Jupyter Notebook, Spyder, Pycharm