

# BIPLAB MISTRY

+91-78905-14731

bpms315@gmail.com

## SKILLS SET:

### Data Science & Machine Learning Skills:

Data Management, Data Analysis, Python, K-Means Clustering, KNN, ANOVA Testing, Hypothesis Testing, T-test, Forecasting, ARIMA, Data Wrangling, Data Munging, Data Cleaning, Reinforcement learning, Feature Engineering.

### DL & AI Skills:

Deep Learning, CV2, Neural Networks, TensorFlow, PyTorch, Keras, Perceptron, NLP, Text Analysis.

### Programming Skills:

MySQL, Turbo C and C++, VB6.0, HTML, Shell Scripting, Java, R, Python.

### Big data Skills:

BigData, Hadoop, MapReduce, Hive, Pig, Sqoop, Log4J, gEdit, Parquette, AVRO, Sequence File, Map file, XML file, HBase, Flume, Sqoop, PySpark, Cloudera, Zookeeper.

### IDE Known:

NetBeans, Eclipse, Anaconda, PyCharm, Spyder, Jupyter, RStudio, Kaggle.

### OS:

Windows, Various Linux (CentOS, Debian, Fedora and so on)

## EDUCATION:

**M.Sc. In Data Science -2020**

**Bachelors in Computer Application -2016**

## OBJECTIVE:

Seeking a position of Data Science, Machine Learning or Artificial Intelligence related position to enhance my skill. Looking for a challenging role in a reputable organization to utilize my technical, analysis and management skills for growth of organization as well as to enhance my knowledge about new and emerging trends in the Data Science & Machine Learning. Data Scientist with broad-based experience in building data-intensive application, overcoming complex architectural and scalability issues in divers' industries. Proficient in predictive modelling, data processing and data mining algorithms as well as scripting language, including python and R. Capable of creating, developing, testing and deploying highly adaptive diverse services to translate business and functional qualifications into substantial deliverables. Hold Bachelors in Computer Application from DIET and M.Sc. in Data Science from IMS College under WBUT university, Kolkata.

## EXPERIENCE:

### DCT LLC. (REMOTE)

**January 2019 - Present**

#### Data Scientist

- Developed action plans to mitigate risks in decision making while increasing profitability by leveraging data science.
- Drive the interaction and partnership between higher management team to ensure active cooperation in identifying as well as defining analytical needs and generating pull-through of insights with business.
- Build predictive models using various machine learning tools to predict possibility of equipment failure.
- Develop algorithms using Natural Language Processing and Deep Learning models for predictive maintenance.
- Design and implement data models, perform statistical analysis and create predictive analysis models
- Refactor current predictive models, and extract commonly used functions into a reusable set of packages and libraries.
- Manage the environment using Anaconda
- Help enforce software best practices, and work with others to deploy new models to our production servers
- Work with the business to apply scientific methods and to evolve data science solutions
- Analyzed the data by performing Linux terminal along with Jupyter and Spyder using anaconda.
- Used feature engineering to lead missing values, then trained and tested to fit a particular model.
- Plotted data to check outliers and validity.
- Developed forecasts, statistical models, segmentation schemes, and data-driven analyses.
- Built data model to improve forecast accuracy.
- Used POS Tagging to check relationships within the sentence and assigns a corresponding tag to other word.
- Created program to enlist all frames, extract all the information from frames using OpenCV.
- Used OpenCV to calculate gray scale and also RGB scale.
- Built the Text Classification Model using TF-IDF (Term Frequency-Inverse Document Frequency).

#### Business Development Manager.

- Replied to inquiries from prospective candidates from our active job listings.
- Successfully developed a candidate pipeline and offered guidance to candidates for professional development.
- Participant and active member of higher management team for taking decisions.
- Developed and oversaw marketing functions to identify key marketing strategies for successful new customer acquisition and sales growth.
- Enhanced organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments.
- Collaborate with cross-functional teams to improve customer service experience
- Lead planning, strategy, proposal process, and bid preparation
- Developed and implemented new marketing and sales plan and defined the strategies
- Built and maintained relationships with key contacts at potential clients, consulting companies and partners in order to get access to new opportunities.
- Perform market research on competitive landscape and industry trends
- Capitalized on previous relationships and performed market research
- Drove revenue and secured new business
- Captured significant competitive business and presented optimum solutions

### THC Inc.

**May 2018- December 2018**

#### Technical Recruiter

- Responsible for prospecting new leads and closing those leads into new business.
- Contract management and client relations.

- Skilled in outside sales and target cold calling while consistently seeking new opportunities.
- Demonstrated excellent technical recruiting skills, candidate screening, interview preparation and scheduling.
- Actively helped candidates to improve their resumes to help them stand out to our clients and the specifics of the job requirements.
- Actively navigated through job boards such as Monster, indeed, Career Builder, Zip Recruiter and LinkedIn.
- Utilized the Boolean logic with additional search capabilities for proper candidate sourcing.
- Worked closely with hiring managers, C-level executives, with a focus to grow client accounts while exceeding expectations.
- Consistently worked closely with candidates to prepare them for interviews and see them through from initial contact to the close and continued to stay in touch with them as they move into new positions.

#### **MCO SOLUTION, KOLKATA**

**August 2016 – December 2017**

#### **HADOOP DEVELOPER**

- Designed and developed Hive queries (HiveQL) as per the business requirement.
- Manage and review Hadoop log files, File system management and monitoring.
- Analyzed data by performing Hive queries and running Pig scripts to study customer behavior.
- Sqooped data from MySQL to Hadoop.
- Developed multiple MapReduce jobs using java for data cleaning and pre-processing.
- Installed and configured Pig and also written Pig Latin scripts.
- Imported/Exported data using Sqoop to load data from MySQL to HDFS/Hive on regular basis.
- Written Hive queries for ad-hoc reporting to the business.
- Worked with Structured and Unstructured data
- Written in shell scripting languages and managed to reviewing Hadoop log files.
- Involved on recruiting and trained them to perform as junior Hadoop developer.
- Developed Pig Latin scripts to extract the data from the web server output files to load into HDFS.
- Involved in loading data from LINUX and UNIX file system to HDFS.

**Note:** Email or message would be best idea to reach me. Due to irrelevant job calls, stopped incoming service for all unknown phone numbers.