

**Himanshu Goyal**

New Delhi

+91-8591028324

12himanshu.goyal@gmail.com

**Career Objective:**

Aiming to achieve a challenging & successful career as big data analyst where I can make a significant contribution using my knowledge & analytic skills with the objective of development & growth of the Organization.

**Professional Overview:**

- 3+ years of experience in **Big Data Hadoop** and **Business Analysis** with 8+ years of overall IT experience.
- Experience in **python** and strong programming logics.
- Experience in **Hadoop** and its components like **HDFS, MapReduce, Hive, Impala, Spark and Python**.
- Hands on tools like **Pycharm, Putty** and **Winscp**.
- Basic knowledge of executing **UNIX commands**.
- Client meetings to understand their requirements and issues.
- To employee best practices in Analyzing Issues/Problems assigned with proper resolution well before the timelines.
- Good **problem-solving** ability, **analytical skills** and **communication skills**.

**Professional Key Skills:**

- **Programming Languages:** Python, R
- **Hadoop Ecosystem Components:** Hadoop, Hdfs, MapReduce, Hive, Impala, Spark
- **Operating System:** Windows and Unix
- **Databases:** Oracle, MySql
- **Tools:** Pycharm, Putty, Winscp, Sql Workbench, Jenkins, GitHub, Spyder, Jupyter Notebook, RStudio, Balsamiq, Axure, MS Power Point and MS Visio.
- **Predictive Modeling and Machine Learning:** Multivariate Linear Regression, Logistic Regression, K-means Clustering.

## **Projects Worked Upon:**

**Project Name:** Command Center and System Overview Dashboard (CCSOD)

**Technologies Used:** Hive, Pyspark, Python, Spark, Autosys, Ansible, Jenkins, Oracle

**Description:** Created data lake using Hadoop and its components to store all the data from different sources into HDFS, so that the downstream applications can consume the data from lake and further utilize it in Tableau for Graphs and Reports to show insights.

### **Responsibility:**

- Written ingestion scripts to load the data from source to destination using in house spark framework
- Developed spark application to transform the data and storing output in hive tables
- Written Data validation scripts to perform testing process
- Worked on Jenkins and Ansible tower to build and deploy the code

**Project Name:** Probability of Default (PD) model

**Technologies Used:** R, Python

**Technique:** Logistic Regression

**Description:** PD model was built in R and Python that provides credit scoring of the customers of a financial firm, using customer data and firm's credit rating based on previous history.

### **Responsibility:**

- Interaction with client and stakeholders for requirements elicitation.
- Responsible for coordinating requirements among various teams involved.
- To review and test the solution and provide demonstration to stakeholders.

**Project Name:** OATI webTrans (Mid-Office) and webAccounting (Back-Office)

**Clients:** Evergy, Tucson Electric Power,

**Database used:** MySQL

**Description:** **webTransSchedudling** is a comprehensive e-Tagging-based scheduling solution that integrates with OATI webTag and OATI webOASIS. It provides complete solutions to BAs (Balancing Authorities) to handle their scheduling and data needs.

**webAccounting** is a centralized, web-based accounting platform for the entire company, designed to handle the accounting complexities that exist in today's energy industry. The system

features like utilization of base data from a variety of sources and a fast-performing calculation engine.

**Responsibility:**

- Lead requirements elicitation and transform it into OATI's webTrans (Mid Office) and webAccounting (Back Office) solutions to automate customer's daily data needs.
- To employee best practices in Analyzing Issues/Problems assigned with proper resolution well before the timelines.
- To create Project documentations – Change Requests, Business Process diagrams, Functional specifications, Gap analysis and performance documents.
- Responsible for documenting Test Strategy and Test Plan Documents.
- Responsible for monthly service pack upgrades – promoting bug fixes and change requests to Production site.

**Employer Details:**

❖ **Open Access Technology India Pvt. Ltd. (December 2012 to till date)**

Open Access Technology India Pvt. Ltd. is subsidiary of Open Access Technology International, Inc. (OATI) is the industry leader in the North American Energy Industry, providing advanced application solutions as web-based services to over 700 customers.

**Education Qualifications:**

**B.Tech (CSE)** from UPTU with 71.88% (2008-12).

**12<sup>th</sup>** from DPS with 74.60% (2008)

**10<sup>th</sup>** from DPS with 90% (2006)

**Achievements:**

*Manager's Award* in February 2015 for consistent performance since joining and *Excellence Award* in April 2019 for productive work in wide Projects.