Robert Smith
Data Analyst I

CONTACT DETAILS

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PERSONAL STATEMENT

2+ years of experience as a Data Analyst is looking to secure a position with a progressive company that appreciates a strong work ethic and who will utilize my skills and attention to detail to work toward a common goal as a team to benefit the company and its employees.

WORK EXPERIENCE

Data Analyst I
Inspironics Corporation -   August 2017 – Present

Responsibilities:

- This project is for a swimming pool installation and maintenance. As part of this project developing analytical reports to get insight into their customer base spread over us, to study the demographics of the clients device installations, find opportunities for business development.
- Developing an analytical product for warranty management using power BI, SQL Server, Azure and power BI gateway.
- Generating an analytical report for warranty costs incurred on various parameters such as product types, product names, part numbers, warranty timelines, supplier locations, regions, states and customer locations.
- Developing Python modules in NLTK (natural language toolkit) -part of speech (pos) for capturing failure types from problem description to categorize the problem types and device types to perform root-cause analysis.
- Performing analysis and designing and developing the programs for decoding warranty serial numbers to find the manufacturing date. This data would help the clients to find out after how many days, months and years the product has failed at the customer location.
- Performing requirement analysis to study the installation of devices such as heater, pumps, filters, whatever ph level requirements, log messages.
- Installing SQL Server DB and power BI, moved customer data given in CSV format into SQL Server DB.

Sr. Data Analyst
Barclays -   November 2016 – July 2017

Responsibilities:

- Worked in the CCAR group for the projection of 9q for capital funding. The client requires to find out the projection for capital funds for 9 quarters in series in order to identify and mitigate risks involved in capital funds being maintained. Worked in report generation process in hive and Oracle database based on various account codes.
- Developed AVRO files for defining the data structure. Created tables in hive using Avro files and partition strategy. Developed ETL-Java code to load data into hive tables.
- Developed codes in spark-scala to load data from CSV files into hive

SKILLS

Cloudera Hadoop, HDFS, HIVE, CASSANDRA, MongoDB, KAFKA, Spark, Scala, R-Programming, Python-Data Structures, Python-NLP, Python-Sentiment Analysis, Tableau, Tibco, And Spotfire.

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference – 1 (Company Name)
Reference – 2 (Company Name)

tables.

- Developed data compare tool in Scala and hash map to compare the records between various sources such as CSV, Excel and hive tables.
- Developed tools in Scala to query Oracle data base and retrieve the results into csv/excel to analyze the impact of moniker SQL as part of upcoming changes in data files.
- Developed tools in Scala to verify the reports generated from fixed form reports against target expected reports for each cell of the matrix as it is complex to verify the output manually.
- Developed tools in the programming to generate sqls in run time as part of functional reporting requirements to query data from hive/oracle tables.

Education

Masters in Analytics - 2016 to 2017(Harrisburg University)Master in Computer Applications - (Annamalai University - Chidambaram, Tamil Nadu)Bachelor Of Science in Physics - (Baharathidasan University)