Sushant Kumar

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Email   : sushant.kr06@gmail.com   **(Application Software Engineer)**

Objective:
To enhance my knowledge and professional skill and utilize it to serve my organization in the possible way with sheer determination and commitment.

Profile Summary:
- With over 4 years' of IT experience in developing:
  - Python Scripts
  - Oracle Database
  - Oracle Joins(Inner, Outer and self)
  - PLSQL scripts (Automation)
  - Linux platform servers, Shell scripts (Automation)
  - TUXEDO services (Pro-C) hosted on Linux/UNIX platforms
- Completed training and Certified on Big Data development from Acadgild.
- Good data Structure Knowledge using Python.
- Hand-on experience of pyspark.sql module.
- Competent in using Oracle PL/SQL Packages, UNIX, SDLC, procedures, functions, triggers etc; also holds knowledge of client tools like SQL Developer and SQL PLUS.
- Hands-on experience in writing advance Oracle SQL queries including with clause query analytic functions (LEAD, LAG, ROW_NUMER, RANK, DENSE_RANK, FIRST_VALUE , LAST_VALUE1)
- Known for excellent client servicing, team building, decision-making & negotiation skills; thriving in dynamic,
- High-pressure environments and meeting the projects deadline.

Knowledge Purview:
- Have Importing data from flat file into Numpy and Panda DataFrame.
- Have knowledge of Importing data into Python from wide array of file types like Excel spreadsheets, JSON, XML,SAS, HDF5 and Stata files using packages like Using SAS7BDAT,HDF5,SCiPy.
- Know how to import and parsing data from Internet.
- Have Knowledge of to interacting with APIs and to stream real-time Twitter data and to analyze and visualize it using Twitter API.
- Have good understanding and implementation of creating full machine learning pipelines in Spark**.**
- Extensive experience in writing Pig (version 0.11) scripts to transform raw data from several data sources into forming baseline data.
- Developed Oozie workflow for scheduling and orchestrating the ETL process.
- Have good understanding and implementation of Machine Learning algorithm using Python or Octave ex (Linear Regression, Logistic regression)
- Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.
- Expertise in Dynamic SQL, Collections and Exception handling, also created Shell Scripts and scheduled them using crontab.

STMicroelectronics, Application Software Engineer, Greater Noida   **(Dec, 2015 - Current)**
Client - In House logistics Application
Technology: Python ,SQL, PL/SQL,HIVE, PIG, Sqoop, Map Reduce, Spark
Responsibilities:
- Created various report using Panda DataFrame and Matplotlib.
- Worked on Manipulating and merging DataFrames with Panda.
- Worked on cleaning and manipulating data in Python (dealing with missing values and outliers, duplicate rows).

- Worked on Logistics data for reporting purpose using pyspark.sql module.
- Created and worked Sqoop (version 1.4.3) jobs with incremental load to populate Hive External tables.
- Knowledge of Partitions, Bucketing concepts in Hive and designed both Managed and External tables in Hive to optimize performance.
- Extracted the data from Oracle into HDFS using Sqoop.
- Developed UDFs in Java as and when necessary to use in HIVE queries.
- Very good experience with both MapReduce 1 (Job Tracker) and MapReduce 2 (YARN) setups.
- Collecting & analyzing bug reports to develop the action-plan
- Monitoring the JOBS on Production servers to identify the addresses security, reliability, availability, and scalability Requirements; escalating the matters who needs prior attention
- Writing triggering & functioning the procedures of Oracle through PL/SQL
- Writing advance SQL queries, and PL/SQL programs to develop new scenario
- Preparing process documents, UAT, design documents related to projects
- Running queries, generating report & sharing it with the entire team

Tata Consultancy Service, Assistance System Engineer, Gurgaon **(Dec, 2013 - Dec, 2015)**
Client - Passport Seva Project
Technology: SQL, PL/SQL, Shell Scripting, MySQL, JavaScript, TSRM, DB2, JAVA, Python
Responsibilities:
- Development and Design of various dashboards in JAVA, Shell Script, MySQL
- Shell script creation to automate manual work and improving monitoring activity
- Configuration Job plans, Escalation and other required templet in TSRM application
- Configuring incremental/full online/offline backups
- Automated various daily and weekly reports using Shell Scripts, MySQL, Java

Projects and Trainings:
- PySpark ,DataCamp
- Big Data Development, Acadgild
- Oracle DB, Unix Shell Scripting, Advance TCS Initial Learning Program (ILP) Hyderabad
- Advance PL/SQL, Certification Hub, Patna
- SQL, PL/SQL, Certification Hub, Patna

Certification:
- Data Science by DataCamp - in process.
- Big Data Development by Acadgild -(Feb 19, 2016)
- Programming for Everybody -Python, by University of Michigan on Coursera (www.coursera.org/./certificate/URP99VR4N5) -(April 29, 2015)
- Oracle Database 11g: SQL Fundamentals by Oracle -(May 05, 2013)

Technical:
Languages: SQL, PL/SQL, Python, Core Java, Hadoop, Map Reducer , C, HIVE, PIG, Flume, Sqoop, Shell Scripting, SAP-WM/ECC
RDMS: Oracle, MySQL
Operating Environment: Linux, UNIX, Windows

Education:

Examination	Institution	Board / University	Year of Passing	% / CGPA
B. Tech (Information Technology)	KIIT University	KIIT University	2013	7.04
Class 12th	Patna Central School	CBSE	2009	66.4
Class 10th	International School	ICSE	2007	77.4