

# Udit Sethi

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## PROFILE SUMMARY:

Data Engineer with 4 years of experience in data-driven decision making across multiple domains , completed 11 months **Post Graduate Diploma in Data Science** from **IIIT Bangalore**. Implemented effective end to end workflow which includes analysis, design , development (creating database and tables using sql and hive , listing key performance indicator, creating scripts written in python ) and testing with 2 years of experience in **BI and Data Analytics** . Good Analytical, communication, leadership, planning, coordination and relationship management skills, high energy and vibrant performance driven-professional with the proficiency to make things happen.

Professional Experience		
<b>Big Data Developer</b>	<b>Tata Consultancy Services (TCS) , Noida</b>	April 2019 – Till Date
Responsibilities	<b>Central role in a key company project with the biggest tech company of the world headquartered in California</b> <ul style="list-style-type: none"><li>Involved in creating Hive tables, loading data into hive partitioned tables and writing hive queries.</li><li>Involved in developing applications from scratch and plan milestones in the analysis, design, development and unit/integration testing phases of the project lifecycle.</li><li>Scripts and wrappers written in Python for connecting to oracle database , execute hive / sql queries to extract data from the tables , execute the curl commands using subprocess module and load the json output to extract required information.</li><li>Scripts written in Python for sending an email to the user which describes the output status of the respective python code.</li><li>Created DAG/Workflow which performs ETL operation on the data present in source tables and load the data into the target tables , created sql/hql queries for transforming the data and created a json file which defines the processing of the entire workflow/DAG.</li><li>Involved in the deployment process using CI/CD tools like Jenkins , Filos.</li><li>Involved in creating jils and jobs to trigger applications and promoted the jobs in different environments.</li><li>Experience working with Git version control.</li><li>Work with client team on product limitations and communicate limitations and tool capabilities.</li><li>Prepared unix shell scripts for executing curl commands and testing various applications.</li></ul>	
<b>Applications Engineer</b>	<b>Ipsoft Global Services Pvt. Ltd, Bengaluru</b>	June 2018 – March 2019
Responsibilities	<ul style="list-style-type: none"><li>Worked on three applications for the project as Python, SQL developer.</li><li>Worked on service now, central station and created control-m and autosys jobs.</li><li>Designed Database Architecture for the application using Star Schema and Snow flake schema.</li><li>Imported of data into database from different data sources like excel/csv files or other databases.</li><li>Understanding the business requirements from the product owners, clients.</li><li>Used MySQL, Oracle SQL data warehouse programs, tableau and other visualisation toolsets for business intelligence and analytics.</li><li>Help front end developers with the database queries in their code.</li><li>Performed sanity testing for various applications.</li></ul>	
<b>Data Engineer</b>	<b>Bizviz Technologies Pvt. Ltd, Bengaluru</b>	June 2017 – May 2018
Responsibilities	<ul style="list-style-type: none"><li>Advising on the suitability of methodologies and suggesting improvements by supplying qualitative and quantitative information/data to colleagues &amp; clients.</li><li>Created tables with indexing for performance improvement.</li><li>Used Chrome developer tools to analyse sql query runtime and change attributes of the dashboard.</li><li>Evaluate the given problem, situation and crisis by carrying out specified data mining, processing, different analytical &amp; statistical techniques and investigate for solutions using data analysis practices to draw accurate inferences.</li></ul>	

	<ul style="list-style-type: none"> <li>Comprehensive database management and migration from different client data base to Hive, MySQL and Oracle.</li> <li>Prepare analysis reports, dashboards &amp; be responsible to answer any queries, complaints or suggestion in this regard.</li> <li>Created LinkedIn dashboard and business stories by getting live data from data connectors and API's.</li> <li>Performed ETL testing for various arithmetic and logical operations on data.</li> </ul>
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Internships and Live Projects		
<b>PG Diploma in Data Science</b>	<b>IIIT Bangalore and Upgrad</b>	<b>Dec 2018 – Dec 2019</b>
Projects	<b>Spark Funds Investments</b> : Identified top countries to invest for spark funds strategy and best funding type for investments <b>Uber Supply-Demand Gap</b> : Identified the root cause of the problem (i.e. cancellation and non-availability of cars) and recommend ways to improve the situation	
<b>Internship</b>	<b>Ducat, Jaipur</b>	June 2016 – July 2016
Summer Internship	Created E- Voting System using JAVA(J2EE) & MySQL	

Certifications and Achievements
<ul style="list-style-type: none"> <li>TCS – Awarded best team award ( August – 2020 ) for outstanding teamwork</li> <li>Certified participant of 7 Wonder Cement Cricket Mahotsav 2015-16 Rajasthan</li> <li>Certified participant of <b>Webpage Designing</b> in college fest PRAVAH 2016 at SKIT, Jaipur</li> <li>Certified participant of 2 nd <b>International Olympiad of English Language</b> (iOEL) 2010</li> <li><b>Data Visualisation</b> using tableau , Udemy</li> </ul>

<b>Skill Set</b>	<b>Tools:</b> Oracle SQL Developer, Excel, Anaconda , Jupyter, Tableau. <b>Domain:</b> Software Development , BI Analytics , BFSI. <b>Query Language:</b> SQL , HQL <b>Scripting Language :</b> Shell Scripting <b>Programming Language:</b> Python (Libraries used – NumPy, Pandas , Matplotlib ,Subprocess , Sys , Os , Re , Shutil , CxOracle , json , unittest) <b>Databases / Framework:</b> MySQL , Oracle 10g, HBase
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Qualification	Board/University	Year	%
B-Tech (CSE)	SKIT Jaipur (Rajasthan Technical University)	2017	69
12 <sup>th</sup>	CBSE	2013	76
10 <sup>th</sup>	CBSE	2011	85