

## EXECUTIVE SUMMARY

- Seven years of Diverse work experience in Data Analytics, Data Engineering, Machine Learning, Visualization, Statistical Analysis and Business Intelligence.
  - **Skills and Technologies –**
    - Data Engineering: Python, Unix, SQL, CI/CD, Jenkins.
    - Databases: Redshift, Snowflake, SQL Server, Oracle.
    - Data Analysis: SQL, Python, R, Quantitative/Predictive/Descriptive Analysis, Exploratory Data Analysis.
    - Reporting: Tableau Desktop, Tableau Server
    - Machine Learning: Fair knowledge of various ML algorithm's like Regression, classification etc. and Python Libraries Like Pandas, NumPy, Scikit-Learn etc.
    - Cloud: AWS – EC2, Redshift, S3, Lambda, Terraform, etc.
    - Devops - Terraform, Kubernetes, Dockers.
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## WORK EXPERIENCE

### Expedia Group

Oct 19 - Current

- Design implement and support key datasets that provide structured and timely access to actionable business information and KPI's with the needs of the end customer always in view.
  - Create ETLs/ELTs to take data from various operational systems and craft data model for analytics and reporting needs.
  - Designing, Developing and automating Tableau reports for stake holders from Finance, Accounts Managers, Marketing team.
  - Implemented anomaly detection on transactional data using SQL, Python and Tableau.
  - Develop a deep understanding of vast data sources (existing on the cloud) and know exactly how, when and which data to use to solve business problems.
  - Developed Jenkins pipelines for CI/CD on Ec2.
  - Manage and support cluster configuration of AWS resources.
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### Cvent India

Feb 18 – Oct 19

- Designed and developed ETL pipelines and frameworks to ingest CRM data in analytics data warehouse.
  - Built and improvised Data marts and warehouse for reporting needs on SQL server.
  - Created Tableau reports for GCO (client supporting) teams to monitor agent's performance.
  - Client segmentation using unsupervised machine learning (Clustering) algorithm for upsell/cross sell opportunity.
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### IBM India

Jul 16 - Feb 18

- Worked in American Express's Financial Data Engineering project using Informatica, Python, SQL and Tableau.
  - Integrated America Express financial Data Warehouse with Oracle EBS using
  - Built Classification models for expense forecasting of financial intercompany transactions.
  - Built reports in tableau with bar, waterfall, map charts for accounting transactions and manual entries.
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### Mercer Consulting India Pvt Ltd

Sep 14- Jul 16

- Designed and developed data pipelines for new client's data into Mercer's application using informatica, SQL, Python.
  - Developed tableau reports for Treasury management system (TMS) teams for year-end reporting.
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### Binary Semantics

Sep 13- Sep 14

- Worked as a part of transitioning team for on boarding channel intelligence platform to Google platform with help of Informatica, Oracle SQL, PL/SQL. Developed and enhanced data integration of Flat file and relation sources to third party tools & business reports.
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## EDUCATION And CERTIFICATIONS

### Udemy -

Mar 17 - Sep 17

Machine Learning A to Z using Python

### Keshav Mahavidyalaya, Delhi University

Jul 10 - June 13

Bachelor of Science, Hons (Computer Science)

### IGNOU, Delhi

Dec 15 – Jul 18

Master of Computer Application (MCA)