

# Iqra Nazir

**Sr. Data Engineer** To utilize the knowledge acquired, struggle for acquiring more knowledge, becoming part of solution providing team at a prestigious organization and adding value with my more than 6 years of experience.

## Summary of Work Experience

### Cloud Consultant

Teradata, internal project

Automotive

04/2020–till date

#### Tasks/Achievements

- Integration of cloud infrastructure (azure, google cloud, aws) feature in existing product.
- Migration of existing project into cloud.
- Creation of reusable code for cleaning aws resources.
- Creation of automatic deployment on ECR,ECS using github actions.
- Movement of data from HDFS to S3.
- Movement of data from Teradata vantage to cloud using EMR cluster and vice versa.

### ETL Consultant

Volvo Cars Corporation

Automotive

10/2018–04/2020

#### Tasks/Achievements

- Teradata ETL Operations
- Handled and resolved incidents for Production environment
- Provided solutions for ETL jobs and ETL failures
- Analyzed and resolved data quality issues
- Deployments done in Production and Lower environments
- Helped business with day to day service requirements
- Interacted with clients to understand requirements for timely results
- Monitoring Data Warehouse ETL Operations and ensuring timely availability of data.
- Worked on Informatica Power Center tool - Source Analyzer, Data warehousing designer, Mapping & Maplet Designer and Transformation Designer.
- Developed mappings that perform Extraction, Transformation and load of source data into Derived Masters schema using various power center transformations like Source Qualifier, Aggregator, Filter, Router, Sequence Generator, look up, Rank, Joiner, Expression, Stored Procedure, SQL, Normalizer and update strategy to meet business logic in the mappings.

### Big Data Consultant

Veon

Telecom

06/2018–10/2018

#### Tasks/Achievements

- Ambari Server administration
- User and Rights Management through Ranger
- Ignite service management
- Space management by purging data
- Resource Monitoring in Yarn
- Shell scripting for automated processes

### Senior Data Analyst

Ufone, Nayatel, Ptcl,Gepco,Fesco,Mepco, Government of Punjab

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## Certificates/Awards

### HDP Certified Administrator

10/2018

Digital Certification Link:

### Teradata 16 Certified Associate

01/2019

Digital Certification Link:

### AWS Certified Solutions Architect - Associate

09/2019

Digital Certification Link:

### PowerCenter Data Integration 10 Developer, Certified Professional

10/2020

Digital Certification Link:

### Microsoft Certified: Azure Fundamentals

12/2020

Digital Certification Link:

## Technical Skills

Hadoop Cluster/Ambari	
Hive/Pig	
PostgreSQL	
Informatica	
Shell Scripting	
Python	
R	
Kerberos	
Teradata	
PL/SQL Developer	
Oracle	
Java Script	
SQL Server	
SQL	

## Consulting Skills

Oral Communication	
Written Communication	
Time Management	
Problem Resolution	
Questioning and probing	
Team Building	
Knowledge Sharing	
Building Rapport	

Telecom, Electrical, Agriculture  
03/2015–06/2018

#### Tasks/Achievements

- Create stored procedures, triggers and packages according to database specifications
- Successfully upgraded SQL Server, ArcSDE, and ArcLicense Manager Applications across multiple servers with minimal production impact.
- Composing SQL queries with the purpose of query maximization
- Prepared technical specification documents for procedures and packages.
- PL/SQL Programming for creating/maintain applications involving different databases.
- Data/Spatial data loading from flat files using SQL loader and external tables.
- Created and schedule numerous scripts and involved in automate into multiple processes.
- Wrote numerous DDL scripts and created tables, indexes, views synonyms, roles.
- Python script for ARCPY.
- Spatial data analysis management and handling.
- Monitored and solved performance issues.
- Spatial data analysis management and handling. ☑ Display of Imagery based Services based on the ArcGIS server 10.x and Image Server
- Researched database and performed queries to obtain specific employee-related data for various internal departments.
- Lead team for various projects to ensure the project execution on time and according to SRS.
- Perform basic project management skills to ensure successful planning and execution of all projects assigned.

## GIS Developer

Suparco, Government

Government

11/2012–03/2015

#### Tasks/Achievements

- GIS development using Geo-server.
- Spatial database management using PostgreSQL.
- Database development and management using MYSQL workbench
- Web GIS development and management.
- GIS project management.
- Website development.
- Spatial data creation handling, processing and display.
- Satellite image processing using ERDAS, ENVI, GRASS, GDAL
- Layer styling, information control and query.
- Work on various sources and various methods of manual and digital extraction of geospatial data.
- Work on spatial and statistical analytical methods and tools.
- Utilization of basic graphical representation techniques to visualize data.
- Determine map content and layout, as well as production specifications such as scale, size, projection, and colours, and direct production in order to ensure that specifications are followed.
- Developed Python scripts and add-ins with the arcpy module for ArcGIS.

Risk Taking & Management



Pressure Handling



## Education

### BS Computer Science

**Project;** “[HUNGRY MONSTERS](#)” 3D Platform Game for Android Available on Slide me

#### COMSATS UNIVERSITY



Duration 08/2008–08/2012

### MS Geographical Information System

**Project:** [Rescue Me](#) IOS Disaster Mitigation Application

#### Institute of Space Technology



Duration 08/2014–08/2016

## Trainings

### CIM



11/2018

### Customer Interaction Skills



02/2019

### Informatica Basic workshop



03/2019

### Data migration workshop



08/2020

- Developed Standalone script on python for overlay and other GIS analysis.
- GIS/Spatial Data Management, Migration and Mapping of G&G, Base map and project specified datasets (2D, 3D), using ESRI suit (Arc-GIS Desktop, Arc-SDE, Arc-GIS server) and Oracle (Spatial) Databases

**Dear Sir/Madam**

With a potential to provide my talent and services, I am writing to you to apply for a position in your esteemed organization. I've enclosed my résumé to provide an overview of my career achievements and qualifications.

Being in tech industry for around seven years has taught me to take on new challenges head on and I have delivered on various projects exceptionally well. My efforts have been publicly recognized by my colleagues and supervisors alike and I have a reputation of being credible. The industry experience provoked a strong interest in GIS, big data and data science, which further motivated me to pursue my masters in Geographical information systems and remote sensing. Geographic information systems (GIS) is a field especially suited to investigating spatial patterns, modeling diverse scenarios, and overlaying spatial data. My computer science skills along with my geospatial knowledge helped me to put of the educational learning into industrial use and I was able to design and contribute towards and implementation of efficient algorithms.

I'm confident I will prove to be an asset to your organization and bring a package of leadership, quantitative, analytical, communication, planning, implementation, operation skills and project management abilities that will provide you valuable resources.

I thrive in a challenging atmosphere and work well in teams, these attributes, combined with my enthusiasm to learn, was essential to my contributions and success during my educational career. I am looking forward to discussing with you how my abilities would best serve your needs. Thank you for your consideration.

**Sincerely,**

**Iqra Nazir**