Shweta Tanwar

Data Professional with 7+ years of experience in Data Analysis, Oracle
ERP & Big Data

Address 39541 Gallaudet Dr Apt 1001
Fremont CA 94538

Phone 415-290-6885

E-mail shwetatanwar13@gmail.com

LinkedIn
https://www.linkedin.com/in/shweta-tanwar13/

GitHub https://github.com/shwetatanwar13

Experienced in **Data Analysis**, Oracle E-Business Suite, Oracle Financial Services Analytical Applications (OFSAA), **Spark**, **Hadoop** and related technologies. Currently pursuing **Database & Data Analytics** Program from UCSC Silicon Valley Extension.

Experience

2010-06 - present

Data Analyst/ Technology Analyst

Infosys Limited

- Extensive experience in **Data Analysis, SQL, PL/SQL & Python**.
- Experience in Spark using Python, Spark SQL & DataFrames.
- Rich experience in working on various **Oracle E-Business Suite, OFSAA** (Oracle Financial Services Analytical Applications) & **Open source technologies** with leading Companies in Finance & Insurance Domain namely **Aetna, American Express, Wells Fargo & Citibank**.
- Experience in Analysis, Design & Development in Waterfall & Agile Methodologies.
- Very good knowledge of Oracle ERP Financial modules - **Accounts Receivable, General Ledger & Accounts Payables.**
- Experience in Implementation, Migration & Upgrade of Oracle E-business Suite Financial Modules from 11i to R12.
- Rich experience in **SQL** and **PL/SQL tuning** and query optimization tools like SQL Trace, Explain Plan & DBMS_PROFILER.
- Adept in **UNIX** Shell scripting.
- Experience in creating Oracle Reports, Forms and OAF pages.
- Good knowledge of Big Data ecosystem: **Hadoop (Cloudera and Hortonworks), MapReduce, HDFS, Flume, Hive, Pig & Sqoop.** Worked on 2 POCs on Hadoop ecosystem as part of Infosys Zero Distance program, which aims to deliver innovation and improvements to all the projects the company is running.
- Good knowledge of NoSQL Database - **MongoDB**.

Client - **Citibank** (December 2017 - April 2018)
- Worked on Sybase to **Oracle Cloud** Migration for Citibank.
- Conversion of objects (Procedures, Triggers, Views and Functions) defined using Sybase T-SQL into Oracle PL/SQL objects.
- Creation of SQL scripts with DDL statements to create the objects in an Oracle Database

Client - **Wells Fargo** (July 2016 - November 2017)
- Migration of Oracle DB from 11g to **Oracle Exadata 12c**
- Functional Testing, **Performance Testing & Tuning** for RAC/HA, pre-migration changes to replace Oracle CDC with Triggers
- Replacement of Oracle AQ with custom solution & **Integration with IBM MQ**. Was involved in preparation of design document, creation of new Schema, Tablespaces, Database Tables, Packages and other DB objects.
- Modifications to **Extract, Reports & Purge** processes.
- Creation of Dashboard for End users in **Splunk**.

Client - **American Express** (July 2015 - July 2016)

- This was a Regulatory Reporting Project which involved **OFSAA** (Oracle Financial Services Analytical Applications). I was involved in creating Reports using **OFSAA UI** and **Lombard portal** to generate reports using **Agile** methodology.
- Read data extracted from legacy sources and save results in the OFSAA results tables.
- Creating PL/SQL Stored Procedure Transformations to define complex transformations involving multiple tables.
- Worked on **Analytical Applications** (AgileREPORTER) that enable integrated risk, performance, customer insight, and compliance management.

Client - **Aetna** (Jun 2010 - Jul 2015)

- Participated in Business and System requirements sessions with client to elicit architectural and non-functional requirements like performance, scalability, reliability, availability, maintainability.
- Was involved in creation of the **Detailed Design document & Unit Test Plan**.
- Modified the standard Inbound processes - Customer interface and Invoice upload process.
- Worked on modifications to replace obsolete tables/columns with new objects in **R12**.
- Worked on the Project for inactivating the customer account on the original platform and nullifying all balances of the customer on original platform during migration.

Education

2006-06 - 2010-05

Bachelor of Technology in Computer Science from MSIT, IP University, New Delhi, India

- 85% Aggregate - First Class with Distinction

2018-09 - present

Database & Data Analytics Certification Program from UCSC Silicon Valley Extension

The course focuses on:

-MapReduce frameworks, MR2 and **Spark**, and **Hadoop** Distributed File System (HDFS)

-Hadoop's ecosystem, including the data warehouse and query service Hive, important libraries for SQL processing and machine learning

-Distributed scalable **NoSQL** databases and the distributed processing coordination system **Zookeeper**

-The characteristics and requirements of **IoT** specific data

-How to build a data flow to connect an IoT system or device data to the cloud in specific formats

-How to use big data tools to process IoT data in **distributed computing**

-How to use **Machine Learning algorithms** to analyze IoT data patterns and extract intelligence.

Skills

ERP: Oracle Applications R12,11i

RDBMS: Oracle 12c, 11g, 10g & 9i

Big Data Technologies: Hadoop Eco-system (Scoop, Flume, Hive), Spark

Programming/ Query Languages: SQL, PL/SQL, Python & Basic Java

Engineered Systems: Oracle Exadata

NoSQL DB: MongoDB

Tools: Toad, SQL*Loader, Splunk, Putty , ClearQuest, GitHub, SVN, JIRA & PVCS

Message Queuing Systems: Kafka, IBM MQ & Oracle AQ

GUI: Reports Builder 10g, XML Publisher, OFSAA, OAF

Languages

English

Hindi

Interests and Achievements

- Oil Painting

- Fitness

- Learning new Technologies

- Received Infosys Insta Award for delivering Regulatory Reports for American Express with Zero Defects.

- Received STAR Award for Oracle E-Business Suite 11i to R12 Migration Project for the Client Aetna.

- Received Appreciation from Wells Fargo & Infosys Management for successfully replacing Oracle AQ with in-house custom solution & Integration with IBM MQ.