

JOHN DOE

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Professional Summary

- A collaborative engineering professional with substantial experience designing and developing solutions for complex business problems involving large scale data warehousing, real-time analytics and reporting solutions.
- Proven history of building large-scale data processing systems and serving as an expert in data warehousing solutions while working with a variety of database technologies.
- Experience working in highly scalable, distributed systems using different open source tools as well as designing, developing and optimizing large, multi-terabyte data warehouses.
- Able to integrate Big Data framework into the overall architecture through the design, development, testing and implementation phase.

Technical Skills

Software/Languages	PL/ SQL ,T-SQL, Shell Script, Core Java
Operating Systems	Unix ,Windows NT/2000
Big Data Stack	Cloudera Hadoop, HDFS, Hive, Spark, Scala, Yarn, Sqoop, Spark Streaming
Data Modeling	Star schema, Snowflake schema with Toad Data modeler, Erwin
Databases	Oracle, Teradata 13.0 and its utilities, SQL server 2008
Scheduler	Control M, Autosys, ESP, ,Airflow
Other tools used	HummingBird, PSPad, Filezilla, WS-FTP, SQL Developer, TOAD, Harvest, PVCS, Hue, Git, Jenkins

Organisations worked:

Diageo Business Services Ltd.	Big data Architect/Developer	6 months
IMS Health Pvt. Ltd.	Lead Developer	2.5 years
Accenture Services Pvt. Ltd.	Team Lead	5.5 years
Tata Consultancy Services	Assistant Systems engineer	3.5 years

Certifications:

SCJP	2008
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Qualifications

Degree and Date	Institute	Major and Specialization	%age
B.E. (30 th May,2006)	Punjab Engineering College, Chandigarh	Electronics and Electrical Communication	67.5

Project Details

Project #7: TRAX API (Development)	
Duration	July, 2018 – Till Date
Environment	Big data stack: Hive, HDFS, Hadoop, Spark, scala,Git, Databricks Scheduler: Airflow
Team Size	3
Company	Diageo
Domain	FMCG
Description	This project is related to development of Big Data application for TRAX API.
Responsibilities	<ul style="list-style-type: none">• Worked along with senior technical Architect, business analysts and source systems in preparing the design for the application.• Designed and developed & maintained dimensional and fact model for reporting needs.• Designing, developing and maintaining high-volume ETL processes using Big Data stack which includes spark, scala, hive, databricks for data ingestion from TRAX API extracted in JSON formats, transformation, cleansing and loading into staging and final tables.• Working knowledge of partitioning/data formats/compression/performance tuning/etc.• Participate in scrum calls with onshore and client for the discussion related to ongoing project activities.• Mentor and guide the team members.

Project #6: IMS Health (Development)	
Duration	March, 2016 – Till Date
Environment	Big data stack: Hive, HDFS, Hadoop, Spark, scala, sqoop, Git Other Languages : Unix Shell scripting Scheduler: Airflow
Team Size	3
Company	IMS Health
Domain	Healthcare
Description	This project is related to migration of Territorial Sales Analysis (Canada BU) application which was in mainframe to Big data framework.
Responsibilities	<ul style="list-style-type: none"> • Worked along with senior technical Architect, business analysts and source systems in preparing the design for the application. • Preparation of logical, physical and dimensional data models for source, staging and final layer using data modeler. • Designed and developed & maintained dimensional model for reporting needs. • Designing, developing and maintaining high-volume ETL processes using Big Data stack which includes spark, scala, hive, sqoop for data ingestion from files/other databases, transformation, cleansing and loading into final tables. • Working knowledge of partitioning/data formats/compression/performance tuning/etc. • Development of extracts and sharing with the users and other teams. • Tuning long running queries and applications • Deployment of codes in Production after sign off from testing team. • Participate in scrum calls with onshore and client for the discussion related to ongoing project activities. • Mentor and guide the team members.

Project #5: Bank of Ireland (Development)(5 months onshore in UK)	
Duration	Aug, 2014 – March, 2016
Environment	Languages : TSQL, PL/SQL, Unix Shell scripting ETL: MSBI- SSIS Database : Oracle 11g, SQL Server 2008 Scheduler: Control M Data Modeler : Toad data modeler

Team Size	4
Client	Bank of Ireland
Domain	Banking (Personal Loans and Credit Cards)
Description	This project was related to development of Datawarehouse for Personal Loans and Credit Cards system.
Responsibilities	<ul style="list-style-type: none"> • Worked along with technical Architect, business analysts and source systems in preparing the design for the staging and final layer of Datawarehouse. • Designed and developed & maintained dimensional model for reporting needs. • Defined the enterprise data model at the conceptual, logical and physical Level. • Development of procedures/packages as per business requirements from onshore/client. • Have handled triggers efficiently for enforcing business rules • Designed SSIS Packages using several transformations to perform Data profiling, Data Cleansing and Data Transformation. • Analyzed the data to implement incremental load. • Implemented Slowly Changing Dimension (SCD) type 2 to maintain Historical Data. • Development of views for generating reports from the final tables in the database and sharing with the users and other teams. • Development of shell scripts and creation and scheduling of jobs for automation of procedures and packages • Coordinating with the CM team for the deployment of codes in Production after the successful UAT and SIT. • Handover of the releases going in Production to support team. • Resolving of defects raised by UAT team.

Project #4: Halliburton (Development and Maintenance)	
Duration	June, 2012 - July,2014
Environment	Server : Unix (SunSolaris) , Unix (AIX) Languages : SQL, PL/SQL, Unix Shell Scripting Database : Oracle 10g
Team Size	3
Client	Halliburton
Domain	Energy
Description	Halliburton is one of the world's largest providers of products and services to the energy industry. With more than 70,000 employees in approximately 80 countries, the company serves the upstream oil and gas industry throughout the lifecycle of the reservoir – from locating hydrocarbons and managing geological data, to drilling and

	formation evaluation, well construction and completion, and optimizing production through the life of the field.
Responsibilities	<ul style="list-style-type: none"> • Writing new and changes in the existing codes procedures, functions, views and packages as per new enhancements suggested by client in the application. • Performance tuning of the queries. • Migration of wrapper, DB, ftp, cleansing, archive unix shell scripts from Unix (Solaris) to Unix (AIX) server and changes in the shells scripts for it to work on the new AIX environment. • Creation of documents for changes done to be kept in repository. • Creation of deployment documents and coordinating the deployment of codes into production environment.

Project #3: Vodafone (Maintenance and Production Support)	
Duration	May, 2010 - June, 2012
Environment	Server : Unix (SunSolaris) , Windows NT Languages : Unix Shell Scripting ,SQL, PL/SQL Database : Teradata 13.1 and its utilities ETL: Informatica 8.1 BMC Remedy7.6 - Client provided tool for the Service Calls ControlM - Tool for monitoring Jobs
Team Size	10
Client	Vodafone
Domain	Telecom
Description	Vodafone is leading telecom service provider.
Responsibilities	<ul style="list-style-type: none"> • Work on incidents, service requests and problem tickets raised in Remedy 7.6 for Production environment to identify and fix bugs and provide the solution to the User and Client ASAP without missing the SLA. • Coordinating with client, Business analysts, file source systems and other internal teams to fix the production issues • Extensively used ETL to load data from Oracle database, Excel sheets, flat files to different target systems. • Expertise with connected and unconnected transformations like lookup , Stored procedure ,aggregator ,filter, Expression, router transformations. • Created Informatica mappings with PL/SQL procedures/functions to build business rules to load data. • Worked with the flat files in both the direct and indirect methods. • Used the techniques like Incremental aggregation, Incremental load and Constraint based loading for better performance. • Doing the database datafixes as per business specifications. Raising RFCs and assigning to DBAs for database related changes

Project #2: Enterprise Datawarehouse (EDW)	
Duration	Mar 09 – May 10
Environment	Server : Unix (AIX) Programming Languages: PL/SQL, SQL, Unix shell scripting Database : Oracle 10g
Team Size	5
Client	Supervalu
Domain	Retail
Description	Supervalu (Enterprise Datawarehouse) is the second largest grocery retail chain and a Fortune 100 company in US. Supervalu operates successfully at the center of two complementary industries: grocery retailing and the logistics of moving food and other highly consumable goods for a variety of customers. Supervalu's retail store network consist of 2,500 stores in 39 states.
Responsibilities	<ul style="list-style-type: none"> • Developing the codes as per requirements for new functionalities shared by onsite coordinator and testing those in the Dev and QA environment. • Effectively made use of Functions, cursors and Procedures for the development of codes. • Creating appropriate Indexes for improving performance and Rebuilding indexes whenever required • Have efficiently used constraints for maintaining relationships between tables, thereby reducing redundancy • Managing schema objects • Providing right level of roles/privileges to users on the schema objects • Have created synonyms for the schema objects so as to enable the access to the objects by other users • Have good working knowledge on the usage of sequence

Project #1: Enterprise Document Management(Development) (1 month onshore in Italy)	
Duration	Nov 06 – Feb 09

Environment	Server : Unix (AIX) Programming Languages: PL/SQL, SQL, Unix shell scripting, Java Database : Oracle 9i
Team Size	9
Client	General Electric
Domain	Energy(Oil and Gas)
Description	GE Oil & Gas, headquartered in Florence, Italy is a leading provider of complete solutions for production and product handling for the oil and gas industry. Oil&Gas provides a complete portfolio of value-added products, services, and solutions for the oil and gas industry from wellhead to the end-consumer.
Responsibilities	<ul style="list-style-type: none"> • Analysis and understanding of the requirements and clarifying with the client in case of any discrepancies and doubts. • Developing the codes as per requirements for new functionalities added and testing those in the Dev and QA environment. • Migrating the existing codes into consolidated environment and making changes as per the business requirement. • Moving of the data related to documents and users from Bari database to Florence consolidated database. • Coordinating with the Client, Onsite coordinator, Chennai and Kolkata team to get the feeds within time limits. • Doing the deployment in Production after the successful UAT and SIT.

Personal Details

Date of Birth	15-02-1984
Nationality	INDIAN
Correspondence Address	85/7,sector-1,HSR,Banglore
Gender	M
Marital Status	Married
Language Known	English,Hindi,Punjabi

Passport Details

Name as on passport	Relationship	Passport Number	Date of Issue	Expiry Date	Place of Issue
John Doe	Self	XYZ123	01/01/2010	31/12/2019	Pune