PRERAK SHAH

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**SUMMARY:**

* Business analysis and process improvement
* Familiarity in creating pivotal tables and charts with MS suite
* Requirement gathering and documentation
* Solid Understanding of reporting and dashboard management
* Experience with Oracle SQL, SQL Server, SSIS, Tableau, Power BI, Advanced Excel, Azure cloud environment, AWS Storage and Processing, Python, VBA, Alteryx, Teradata and Big Data Methodologies
* Solid knowledge of Software Development Life Cycle (SDLC) Management
* Working experience on Technology Migration
* Technical Consultant in Microsoft Dynamics 365 (CRM) implementation
* Trained in Agile methodologies
* Working towards Enterprise architecture certification (TOGAF)

**EMPLOYMENT EXPERIENCE**

**Data Solution Architect**

**Dot Analytics** MAY 2018 to Present

**Client: Charger Logistics, Toronto**

* Implemented end to end Tableau Solution for Finance, Sales and Asset Management
* Implemented Data Vaults Solution in Azure Data Factory and managed API end points for access of the data to different users
* Created Processes for cleaning IoT data using Python and SSIS to create visualizations for Performance analysis and Breakdown analysis
* Created data warehouse using SQL server, AZURE blob Storage and SSIS to fetch data from different data sources and manage historical data
* Presented Reports and Data Stories to the Management on Weekly, Monthly and Quarterly basis
* Provided technical support in Microsoft Dynamics 365 (CRM) implementation and reporting
* Implemented continuous change monitoring process using Kafka, CDC and azure EventHub.
* Developed Reports in tableau for AR aging, AP Aging and GL Transaction/ Financials from SAGE 300 and QuickBooks ERP
* Created financial reports for inter company consolidation and monthly/Quarterly Bank Reporting
* Trained user on various functionality Of Tableau and how to use to reports for better data insight and decision making
* Lead team of 5-7 to deliver user BI requirements
* Developed sales reports for sales analysis, ROI and Performance scorecard
* Perform maintenance and upgrades for Tableau Server
* Prepared Customer transaction and vendor transaction Analysis Model report Tableau and Azure SQL
* Blended data for the reporting needs using SSIS (Sql Server Integration Services) Pipelines
* Prepared data model using Python by creating data pipelines from different web-based data sources (client platforms)
* Designed Data Pipelines and reports for Asset Management Matrixes for better understanding of asset utilization, Fuel Idling and consumption, and Repairs and expenses

**BI Analyst**

**Bank of Nova Scotia, Toronto** Sep 2017 to April 2018

* Migrated and enhanced webfocus based legacy reporting system into Power BI
* Created Dashboards for the sales matrixes, customer behavior and employee goal completion using Power BI and webFocus by handling product sales and customer feedback data
* Integrated Data using azure data factory and Azure SQL services using the Power BI in Agile environment
* Process improvement and automation using VBA and Advanced Excel
* Created data transformations (ETL) using SSIS, AWS Glue and SQL server
* Understanding requirements management plan, Software Requirements Specification document detailing functional and non-functional requirements
* Conducted gap analysis for data elements not present in Enterprise data warehouse and accomplish source system analysis with data integration design
* Created and documented Business Requirement Documents (BRD), Functional Requirement Documents (FRD), Use Cases and Test results
* Conducted unit testing and A/B testing for the applications that I have created
* Designed and implemented predictive models and cutting-edge algorithms utilizing diverse sources of data to predict demand, risk and product performance.

**Visualization Expert** Nov 2016 to Sep 2017

**Zenith System Solutions, Toronto**

**Client: Telus Communication**

* Developed reports based on complex SQL queries and programming of stored procedures and functions accessing multiple data sources using customer survey and product details and sales data
* Data cleansing and process improvement using SQL, SSIS and Alteryx
* Created dashboards for product analysis and customer behavior for marketing strategy team using Power BI in Agile SDLC.
* Presented Reports and Dashboards to Stake holders and End Users
* Analyze data requests obtained from management to determine operational issues and define data modeling requirements, validation of content, and problem-solving parameters
* Collaborated with the team to develop a product which helps client to analyse real time reports using AWS Data Streaming and Storage.
* Created a data extraction tool in vba and Advanced excel.
* Designed and implemented advanced statistical testing for customized problem solving like multivariate tests, in-depth analyses of user behavior and product performance

**Data Analyst (Banking and financial services/ Health care Industry)** October 2013- December 2015

**Tata Consultancy Services**

**CIBC**

* Implemented BASEL 3, a capital market risk management policy for CIBC (Canadian Imperial Bank of Commerce) - Retail Banking and Risk management by handling capital market transactional data
* Gathered information from business and created technical mapping with the feasible solutions
* Integrated various data sources from across the globe to analyse trend and manage inventory
* Strong knowledge of development, testing, pre-production and production environment
* Developed ETL procedures/ mappings using SSIS
* Created dashboards using Power BI
* Created Dashboards and custom reports using Tableau and OBIEE
* Worked on different data base like Teradata, Oracle 11g
* Proficiency in SQL Scripting, query tuning

**TECHNICAL SKILLS:**

Tableau,PowerBI, Qlik Sense, JavaScript, python, R Programing, Alteryx (ETL), Azure Data Factory, Azure SQL, AWS Glue, AWS S3, AWS Data Streaming, My SQL, Oracle 11G, Teradata, PL/SQL, Java, Jira, Advance Excel, Business Objects, OBIEE, Qlikview, PowerPoint, Google Analytics

**EDUCATION**

**PGDP: Cloud Computing for Big Data** APR- 2017

Lambton College of Arts and Science, Toronto, ON **GPA – 3.7**

* Student Ambassador for Cloud Computing for Big Data
* Lab Assistant for the Virtualization Labs

**B.Tech: Electronics Engineering** 2013

Birla Vishwakarma Mahavidyalaya, V.Nagar, India

* Placement Head of the university placement cell
* president of the Electronics Club

**VOLUNTEER EXPERIENCE**

**Bachpan, V.V.Nagar, Gujarat, India**

*NGO that focused on street child education in order to provide them better life and brighter future.*

**Core Committee Member, 2010-2013**

* Advocated new avenues for fundraising and financial sustainability through the use of technology
* Provided strategic advice on management objectives
* Analyzed and suggested improvements regarding the organizations operational policies

**CERTIFICATION**

* Oracle Data Base 11G December - 2014
* SIX Sigma Green Belt September - 2015