

SHUBHANSHU KULSHRESTHA

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SUMMARY

Diligent data professional with 5+ years of experience in database management, data warehousing, reporting & data analytics. Proficient with various data engineering tools to extract, transform and analyze for driving business solutions. Willing to relocate.

EDUCATION

M.Sc. in Computer Science

University of Manitoba, Winnipeg, MB
Sept 2012 - April 2014

Bachelor of Engineering (Information Technology)

Sagar Institute of Research Technology & Science, Bhopal, India
Sept 2007 - July 2011

Continuing Education: (via Coursera.com)

- Essential Design Principles for Tableau - University of California, Davis- September 2018
- Fundamentals of Visualization with Tableau - University of California, Davis- March 2018

TECHNICAL SKILLS

Database Management Systems: SQL Server 2008 R2, 2012, 2014, 2016, MS Access

Reporting Tools: SQL Server Reporting Service (SSRS)

ETL Tool: SQL Server Integration Service (SSIS)

Big Data: Knowledge of Hadoop, HDFS, MapReduce, Pig, Tez, Apache spark, Ambari, Yarn

Data Visualization: Tableau, Power BI

Programming Language: C#, VB. NET, SQL, TSQL, Python (NumPy, Pandas)

IDE: Visual Studios, SQL Server Management Studio, Business Intelligence Development Studio, Jupyter

Version Control: Git

PROFESSIONAL EXPERIENCE

People Corporation

Winnipeg, Canada

Report and Database Administrator

April 2014 - Current

Department: Billing and Data Operations

- **ETL and System Integration**
 - Lead Billing & Data Operations team on all database, reporting & data management projects
 - Implemented end-to-end **ETL solution using SSIS** to manage data loading to **OLAP** databases
 - Experience with scheduling daily data loads using SSIS and **SQL Server Agent Jobs**
 - Extract and load claims data into data warehouse using **SSIS and SQL Server** for claims tracking report
 - Created complex **data and control flows in SSIS** to integrate multiple data sources (billing & accounting system) for operational reports
 - Experience with **SSIS** to extract information from various file types (CSV, Excel) and load into data warehouse
 - Strong understanding of dimensional data modeling and schemas (**star & snowflake schema**)
 - Developed a desktop application to integrate the claims system with accounting system using .NET, SSIS and SQL Server
- **Reporting**
 - Built and maintain queries, stored procedures, and views, for **SSRS reports** using SQL and T-SQL
 - Expertise in developing ad-hoc & automated parameterized, cross-tab & drill down reports using **SSRS**
 - Developed reports for performance and workload analysis of client service team using **SSRS subscriptions**
 - Gather requirements from account managers & clients for complex billing reports and develop using SSRS with 100% client satisfaction
 - Created and managed standard **SSRS subscriptions** which generates on monthly basis
 - Manage user access for all reports through the Reporting Manager

- **Data Analysis- Tableau/Microsoft Excel**
 - Created insightful dashboards for Billing Manager to analyze monthly claims trend using Tableau
 - Design scatter plot to detect any outlier clients in the billing data set using Tableau
 - Designed a dashboard for Billing Manager to analyze monthly claims data received from insurance carriers
 - Identify worst performing products by different regions for one of the Coursera courses using Tableau
 - Analyzed billing data in excel using VLOOKUP's and pivot tables to drive insights and interpret trends
- **Database Administration and Optimization**
 - Provided second-tier support to IT team to all the database administration issues
 - Monitored query performance using Activity Monitor on SQL Server Management Studio for optimal speed and efficiency to prevent resource bottleneck
 - Optimized data retrieval from product databases by creating indexes in SQL Server

Flairsoft Consulting Group

Bhopal, India

SQL Server / SSRS Developer

Aug 2011 - May 2012

- Created and managed SQL objects such as views, procedure, table & functions using SSMS
- Designed SQL script to automatically create data dictionary using T-SQL
- Implemented database backup policy and monitored it to maintain uniform workload
- Optimized data retrieval from product databases by creating indexes in SQL Server
- Built and maintained queries, stored procedures, tables and views, used for SQL Server Reporting Services (SSRS)

AWARDS AND CERTIFICATION

- Awarded Best Employee for *Customer Service Excellence* in 2017 for going extra mile in serving client service team
- Successfully completed *Student Leadership Development Program*, with opportunity to organize and present a lecture on Team Work at Student Leadership Conference 2014
- International Graduate Student Entrance Scholarship by University of Manitoba, September 2012