Vamsi

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**PROFESSIONAL SUMMARY:**

* More than 6 years of Data Analysis experience in various phases including Data Validation, Extraction, Transformation, Loading and Reporting using Teradata (V2R6, V15).
* Well versed in developing dash boards, stories, data visualizations using Tableau and Power BI.
* Possess strong working knowledge of SQL with relational and non-relational databases such as Oracle, MS SQL Server (2008, 2009, 2012), MySQL, Hadoop (Hive) along with Microsoft T-SQL.
* Strong knowledge and experience in writing complex SQL queries using joins, grouping, aggregation, nested sub-queries.
* Experienced in using Advance Excel functions including VLOOKUP, HLOOKUP, Macros and VBA.
* Have good working knowledge with Python libraries for Data Science including NumPy, SciPy, Pandas, Matplotlib, SciKit-Learn, Seaborn.
* Familiar with algorithms and concepts of Natural Learning Process, NLTK, Computer Vision (Object recognition, Identification, Detection) and Machine Learning (Supervised, Unsupervised learning).
* Strong Linux command line skills and using Terminal on various Linux Distributions (Centos, Ubuntu) and Putty on Windows.
* Experienced with Cloud Computing (R Cloud), Hospitality and Customer Relationship Management (CRM) Systems like Opera/PMS, SFA.
* Managed SSIS packages to extract, transform, and load data coming from multiple data sources.
* Proficient with verbal, written communication and presentations skills for diverse audience.
* Extensive Experience in Agile Methodology and Scrum process.
* Proficient in Software Development life cycle such as - Software Requirements, Software Quality Assurance, Software Management, Software Development Methodology etc.
* Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times.
* Experienced in using Adobe (Omniture) and Google Analytics.

**Independent Coursework and Training:**

* **Data Science Bootcamp Program** (Anaconda, Jupyter Notebook, Pandas, Numpy, Matplotlib, Spark, TensorFlow, Kaggle Data sets, Non-Neural Network Algorithms including Gradient Boosted Decision Trees, Logistic Regression, Gradient Descent)
* **Datacamp.com:** Intro to PySpark, Importing and Managing Financial Data in Python, Unsupervised Learning in Python, Machine Learning with the Experts: School Budgets, Merging Data Frames with Python

**Technical skills:**

**Database Tools:** Microsoft Visual Studio, SSIS, SQL Server Management Studio, SSRS, SQL Server Agent, Tableau, Power BI, Microsoft Office, Informatica

**Languages:** SQL, T-SQL, Python for Data Science

**Web Development:** HTML5, CSS3, JavaScript, jQuery

**Methodologies:** Agile, Scrum, Waterfall

**Databases:** Oracle 11/ 10g, MySQL, Microsoft SQL Server, Hadoop (Hive), Teradata

**OS:** Windows, iOS, Linux (Ubuntu 16.04.2 LTS, CentOS 7)

**Bug Tracking Tools:** JIRA

**Version Control:**  SVN, CVS, Jenkins, GitHub, GitLab

**Web/Application Servers:** Apache Tomcat

**Professional Experience:**

**Data Analyst - AT&T - Los Angeles, CA** **February 2016 - Present**

**AT&T (DIRECTV) is the second largest provider of mobile telephone services and the largest provider of fixed telephone services in the United States and provides broadband subscription television services through DirecTV.**

**Responsibilities:**

* Assisting Data Scientist, Engineering and Business Team in tracking call volumes for Los Angeles and Houston region totaling of more than 7 million customers for Set Top Boxes (STB).
* Extracting large data volume (Big Data) from Data Lake for data analysis to draw conclusions for managerial action and strategy for various Set Top Boxes (STB).
* Actively engaged in meetings with the business consultants for requirement gathering.
* Proficient in using Adobe Analytics (Omniture) for user tracking on various Set Top Boxes (STB).
* Working cross-functionally with engineering team to understand how production and 3rd party data is being collected.
* Extracting data from various production databases using Teradata to meet Campaign data needs.
* Providing weekly and monthly reports to Business Analysts and Operation Analysts.
* Extract data from existing data stores, developing and executing Engineering reports for performance and response purposes by using SQL, MS Excel.
* Responsible for analyzing business requirements and developing Reports using PowerPoint, Excel to provide data analysis solutions to business clients.
* Wrote BTeq (Teradata), SQL scripts for large data pulls and ad hoc reports for analysis.

**Environment:** Teradata, BTeq, Teradata SQL Assistant, Hive, R Cloud, PowerPoint, Excel, Linux, Tableau, Agile, Scrum.

Data Analyst - Marriott Hotels – Bethesda, MD October 2013 – December 2015

Marriott International, Inc. is a leading global lodging company with more than 6,000 properties in 122 countries and territories, reporting revenues of more than $17 billion in fiscal year 2016.

Responsibilities:

* Assisted Senior Data Analysts, Data Scientists with analysis of RevPAR (Revenue per available room) and hotel occupancy rates for various Marriott owned properties.
* Extensive experience in working with enterprise applications including Customer Relationship Management (CRM) tools for improving business strategies for Executives and clients.
* Contributed to the implementations of strong revenue management strategies which helped increase RevPAR by 10% for East Coast Region for few of the owned properties.
* Performed complex T-SQL queries, stored procedures and produced ad-hoc reports from the database.
* Made extensive use of Marriott Customer Relationship Management tools and systems: Opera/PMS - Sales & Catering, Sales Force Automation (SFA Web) for ad-hoc analysis and accurate Sales reporting analysis.
* Created several tables, views, indexes, functions, triggers, stored procedures, CTEs, temporary tables, result set based upon the functional or business specifications.
* Utilized SSIS (SQL Server Integration Services) to manage Extraction, Transformation and Loading (ETL) process to pull large volume of data from various clients’ feeds or sources.
* Actively participated in data clean-up and validation efforts by reaching out to all business partners to ensure integrity of master data across the systems.
* Assisted BI team to set up Tableau for loan Sales metrics and scorecard to analysis.
* Worked with SQL Server Analysis Services (SSAS) for data mining and online analytical processing analysis.

**Environment:** SQL Server, T-SQL, MS Excel, Power Point, Tableau, JIRA, SSRS, Linux, Agile, Scrum.

Data Analyst – Walt Disney - Burbank, CA September 2012 – August 2013

The Walt Disney Company, commonly known as Disney, is an American diversified multinational mass media and entertainment conglomerateheadquartered at the Walt Disney Studios in Burbank, California. It is the world's second largest media conglomerate in terms of revenue.

Responsibilities:

* Worked on data profiling using various relational Databases and Data Warehouse systems.
* Created validation planning documents and validation scripts using SQL.
* Created detailed source to target data mapping specification documents to create mappings.
* Used advanced Microsoft Excel functions including VLOOKUP, HLOOKUP to create pivot tables.
* Conducted reports for implementation of marketing strategies, leading to growth in customer acquisition
* Worked closely with the UAT team for QC/JIRA resolution and bug fixes.
* Worked closely with infrastructure team in monitoring critical alerts in production environment.
* Effectively interacted with Business Analysts and Data Modelers and defined Mapping documents and Design process for various Sources and Targets.
* Gathered user requirements, analyzed and designed software solution based on the requirements.
* Involved in creating database objects like tables, views, procedures, triggers, functions using T-SQL to provide definition, structure and to maintain data efficiently.

Environment: T-SQL, Sybase, Informatica, SQL Server, MS Excel, MS Power Point, Linux, Agile, Scrum.

Business Intelligence Analyst – Wells Fargo, San Francisco, CA June 2011 – August 2012

Wells Fargo & Company is an American international banking and financial services holding company headquartered in San Francisco, California. It is the world's second-largest bank by market capitalization and the third largest bank in the U.S. by assets.

Responsibilities:

* Experienced in working with Health care codes including ICD-9-CM, ICD-10-CM/PCS, CPT-4, and HCPC coding.
* Responsible for performing large data compiling and produce regular (daily, weekly) and periodic reports on the activities related to the claims, payments.
* Made recommendations and assisted in data capture, data extraction and analysis for cross functional

Teams.

* Implemented the best practices in data management to ensure the integrity of the data, the quality of data processes.
* Presented analyzed data through visualizations using Excel and Tableau tools to a variety of internal clients of the Medical Center.
* Analyzed utilization and membership reports (e.g. for claims data, provider data, utilization data) and provided insights of data consistency between reports and database.
* Provided support to users by responding to email inquiries, using existing documentation or doing research/ SQL drill downs on data issues.

Environment: SQL Server, UNIX, Linux / Oracle Platform, MicroStrategy, MS Visio, MS Word, Excel, Power Point, Agile.

EDUCATION:

#### Bachelor of Science in Business Administration, San Francisco

San Francisco State University