**Pavan Rao**

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**PROFESSIONAL SUMMARY**

* Proven experience in business interaction across project lifecycle to identify KPIs and design solutions for improved decision-making.
* Proficient in creating dynamic visualizations and interactive dashboards using BI tools like Tableau, Qlik, and Power BI.
* SQL skills for complex query writing and optimization.
* Skilled in creating report prototypes, managing stakeholder requests, and ensuring requirement sign-off.
* Familiar with Salesforce CPQ, Netsuite ERP, Alteryx, and Smartsheets.
* Affinity for Web Analytics, including exposure to tools like Google Analytics.
* Data Warehouse expertise including dimensional modeling, ETL development, and data quality.
* Experienced with Big Data technologies, including Hadoop, Pig, Hive, and Python for data analysis.
* Proficient in business modeling tools like MS-Visio and Agile methodologies.
* Accomplished various data related tasks in different environments like Azure database, Data lake and Hadoop

**TECHNICAL SKILLS**

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| Languages | SQL, SOQL, UML 2.0, VBA Excel, Python |
| Analytical Tools | Power BI, Tableau, Qlik, SAP BO, Alteryx |
| Databases & Cloud apps | Oracle, Azure SQL DB, Mysql, Hadoop, Snowflake, SFDC |
| Methodologies | Agile, Scrum, Kanban, ITIL, RUP |

**Education and Certification**

* Master’s in computer science- University of Illinois Springfield, Illinois, USA.
* Electrical and electronics engineering- Vardhman college of engineering (JNTU), India
* ITIL V3 Foundation.

**Achievements:**

* Revolutionized financial operations by spearheading the automation of billing data analysis for revenue recognition and that streamlined quarterly and yearly audits resulting in substantial time and cost savings.
* Led a team of 2 analysts, elevating their skills and contributing to a 70% improvement in data-driven decision-making.
* Successfully introduced 2 strategic initiatives, resulting in a remarkable 50% enhancement in the retrieval of payments for outstanding bills.

**PROFESSIONAL EXPERIENCE**

**Client: Avellino Labs Inc. Oct 2021- Till date**

**Role: Sr. Data Analyst**

**Responsibilities:**

* Collaborated with finance department for tasks including account reconciliation, research, audits, refunds, billing enhancements, and cross-department coordination to expedite accounts receivable collection.
* Assisted finance team during monthly internal and external audits.
* Created management dashboards for tracking financial indicators like revenue, profits, cash collection, and operating income.
* Worked with legal team in claim investigation by providing them with the data required for prompt and accurate payouts from the insurance companies.
* Developed Power BI reports for weekly and monthly performance tracking, financial forecasting, and long-term strategic planning.
* Simplified ETL logic from Alteryx to SQL for enhanced efficiency.
* Played a role in migrating data from CSV files and third-party systems, establishing centralized database integration.
* Constructed data layer and business logic using SQL on Azure SQL db, ensuring data integrity for finance reporting.
* Collaborated with IT, security, and privacy teams to secure third-party tools like Tableau and Power BI in compliance with HIPAA regulations.
* Contributed to financial data migration to Netsuite ERP from third-party billing and collection system.

**Tools & Environment:** Tableau, Power BI, Alteryx, Domo, SQL, MS SQL Server Management, Azure, Amazon Redshift, NetSuite, Salesforce, Microsoft office.

**Role: Software Engineer (Programmer Analyst)**

**Clients: Cisco Inc, Trimble viewpoint. March 2017- Sep 2021**

**Responsibilities:**

* Collaborated across departments (Finance, Sales, Marketing) to gather requirements and create various deliverables.
* Designed interactive dashboards with Power BI, Tableau, Qlik, and SAP Business Objects, utilizing multiple data sources for strategic decision-making.
* Developed complex SQL for data manipulation, transformation, and enrichment.
* Extracted insights from diverse sources (Oracle, SQL Server, SAP HANA, etc.) through data acquisition and aggregation.
* Analyzed structured and unstructured data from cloud platforms like Snowflake, Hadoop, and Google Cloud.
* Assisted in building a data lake for standardized reporting using Power BI and Tableau.
* Integrated third-party billing systems into the organization's Netsuite ERP and Salesforce CPQ.
* Created custom calculated measures using DAX in Power BI for business needs.
* Worked with IT teams in development of data lake using Microsoft azure for analytics reporting and standardize the volume of reports and dashboards using Power Bi and Tableau.
* Conducted SOQL queries for Salesforce data verification.
* Performed ETL tasks using tools like Alteryx and SSIS.
* Enhanced query performance and administered Tableau Server.
* Streamlined data and improved Qlik View reporting through Qlik scripting.

**Tools & Environment:** Tableau, Power BI, SQL, MS SQL Server Management, SAP Hana, NetSuite, Salesforce, Microsoft office, Snowflake, Hadoop Ecosystem.

**Organization**:Acesynergi Solutions Pvt. Ltd, Hyderabad, India **Jan 2011- July 2015**

**Role: Software Developer**

**Responsibilities**:

* Collaborated with pharmaceutical departments to gather regulatory information and construct quality requirement documentation.
* Prepared a detailed high-level document outlining artifacts needed for bronze level compatibility review of Electronic Data Capture (EDC) product.
* Managed clinical data for electronic health records in physician offices and hospitals.
* Contributed to creating technical designs based on 'AS IS' processes and new requirements.
* Documented transformation logic through mapping specification spreadsheets.
* Utilized Tableau to visualize models based on key performance indicators (KPIs).
* Executed ETL processes for data extraction, mapping, and conversion using SQL.
* Conducted code reviews, optimized inefficient code, and resolved data issues.
* Implemented SCD types 1 and 2 using transformations like table comparison and mapping operations.
* Collaborated on test case and scenario development aligned with business requirements and technical specifications.

**Tools & Environment:** Windows, IE8, UML, Agile Methodology, SSRS, Tableau, SSIS, MS SQL Server 2012, Mysql, HTML, MS Office Suite (Word, Excel, PPT, Visio).