**Gowtham Shanker**

**410-299-7564**

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**Summary:**

Capable and technically IT Data Analyst with extensive knowledge of statistics and algorithms. Vast experience designing data queries. Skilled trainer with ability to teach managers advanced skills related to Microsoft Office with advanced MS Excel capabilities, and data warehousing programs. Make effective, data-driven recommendations to key decision makers. Diligent, efficient, and highly productive professional who learns quickly and prioritizes multiple concurrent tasks. Fluent in English.

* Data Analyst with 6 years of experience in data analysis and modelling for Online Transactional processing (OLTP), Data warehousing and Online Analytical Processing (OLAP) systems.
* Functional Knowledge of PeopleSoft Application Account Payables, Purchasing (Including eProcurement), Expenses, General Ledger& Cash Management.
* Experience in various phases of Software Development life cycle (Analysis, Requirements gathering, Designing)
* Generated various reports using Excel pivot table and SQL queries.
* Good experience in Relational and Dimensional Data modeling for creating Logical and Physical Design of Database and ER Diagrams using multiple data modeling tools like ERWIN, ER Studio and Power-Designer.
* Deep knowledge in Normalization / De normalization techniques for optimum performance in relational and dimensional database environments
* Excellent functional knowledge and project experience in the areas of PeopleSoft FSCM Core modules AP, AR, BI, PO and GL.
* Worked on Data PeopleSoft Payroll, in the area of Core HR, Recruitment, Base Benefits and Benefits.
* Well versed in Data Warehousing concepts like Star Schema and Snowflake Schema, Slowly changing dimensions, foreign key concepts, referential integrity
* Hands on experience with modeling using ERWIN in both forward and reverse engineering processes and created DDL scripts for implementing Data Modeling changes.
* Adept at writing Data Mapping Documents, Data Transformation Rules and maintaining Data Dictionary.
* Worked with ETL processes to transfer/migrate data from relational database and flat files common staging tables in various formats to meaningful data in Oracle and MS-SQL.
* Coordinated with other developers in tuning long running SQL queries to enhance system performance.
* Proficient in writing complex SQL Queries, Sub Queries, views, stored procedures, Normalization, Database Design, Functions, Triggers
* Excellent knowledge in Data Analysis, Data Validation, Data Cleansing, Data Verification and involved in designing and Preparing Test Scenarios, Test Plans, Test Cases and Test Data.
* Documenting various requirement specifications, functional specifications, Test Plans, Source to Target mappings, SQL Joins
* A strong team member with excellent analytical, interpersonal and communication skills.

Identifying deficiencies in business systems.

Navigating through organizational hierarchies.

Writing up engaging, informative and well-

organized presentations.

Highlighting risks and issues that could impact project delivery.

Can quickly understand business or technical issues.

Solid collaboration, facilitation, and negotiation skills

**Technical Skills:**

Analysis and Modeling Tools Erwin, Power Designer, MS Visio, and ER Studio.

Databases Oracle SQL Server MS Access, Teradata

Tools MS-Office suite (Word, Excel, MS Project and Outlook), HP ALM

Data Modeling Star-Schema Modeling, Snowflake-Schema Modeling, FACT and dimension tables, Pivot Tables, Erwin

Programming Languages SQL, PL/SQL, TSQL

Reporting Tools Tableau, MS Excel, Qlikvie

**Employment History:**

**Montclair State University Montclair, NJ March 2016 – Till Date**

**Sr. Data Analyst**

As a Data Analyst I Worked with Peoplesoft HCM Application engine, SQR, EXCEL to CI, PS Query, Accounts Payable, Inventory and Purchasing Modules, eProcurement, File Layout, nVisions, General Ledger, PeopleSoft9.1/9.2, People tools 8.52.

**Responsibilities:**

* Client data information beginning with obtaining the data by means of web base applications or directly from a client file using secure file transfer protocols.
* Managing the offshore team and coordinate with business leaders, and business users (customers) to develop and redesign the business capabilities provided by PeopleSoft HCM 9.2 and other applications in the HRMS group portfolio, data flow analysis, system configuration, data setup, including recommendations to implement new features or functions.
* Worked on HCM 9.1 to 9.2 Upgrade, Enhancement and production support for 9.2 system.
* Provided Production support for PeopleSoft finance modules (Accounts Payable, Accounts Receivable, Cash Management, General Ledger and Billing)
* Analyzed large data sets with MS Excel
* Summarized data files in Excel using pivot tables and vlookups.
* Run/Monitor PeopleSoft to external vendor interfaces and resolve issues associated with daily transaction in HCM 9.2.
* Simplified complex processes using Excel macros, drop-down lists and datavalidation.
* Maintain cross and core module configuration in PeopleSoft FSCM modules -General Ledger, Commitment Control, Account Payables, e-Procurement, Purchasing, Project Costing.
* Executing stored procedures on big data from our client XML, tab delimited, excel, access data files or SAS datasets into our database system with SQL Server Management Studio based in-house applications and assisting the QA team on data verification and validation testing on through delivery of the data to the client.
* Interact with the project managers or independently to gather and document requirements from the client as well as work with developers to ensure functional requirements are align with business requirements.
* Facilitate SCRUM meetings to manage and coordinate application and scope changes through an Agile approach.
* Enabled Integration between PRIME Financial and PeopleSoft HCM for Person and Job data inbound to Financial.
* Worked on Production Support tickets related to both PeopleSoft HCM 9.2 and Financials 9.1 HR, Benefits, Position Management, Payroll, Time & Labor.
* Primary support person for HR, Benefits, Recruiting and Compensation departments to assist in resolving any technical or functional issue that came about having to do with PeopleSoft.
* Create TSQL statement scripts with project attributes that would load, select, and report statistic of gigabytes worth of records for simplified understanding of the data.
* Verify application and data output using TSQL select and join statement to ensure application effectiveness and efficiency as well as data validation, quality, and integrity.
* Identify data patterns and processing gaps for improvement, analyze cost effort/time of manual tasks for automation, and suggest in-house application enhancements for efficiency.

**Environment:** PeopleSoft 9.1/9.2, People tools 8.50/8.51, AWE Workflow, BI/XML publisher, SQL/PS Query, Payroll, HR, eRecruit, ePerformance, Commitment Accounting modules, People code, Application Designer, Application engine, Project Costing, Receivables, General Ledger, Payables and Payroll modules, Component Interface, Oracle, PL-SQL, Toad HP Quality Center, SharePoint, Excel, Excel, Microsoft word, MS Visio, Informatica.

**University of Central Florida - Orlando, FL Oct 2014 – Feb 2016**

**Sr. IT Data Analyst**

My responsibilities come directly from the Dean of the College of Business and his executive council to assist in strategic planning, and on-going goals for the College of Business and it's students.

**Responsibilities:**

* As a part of DA team, I am involved in different activities of product development.
* Provide data management and data support to Dean of the College of Business, his Assistant Deans, his executive council, and for department chairs of the Academic Departments within the College of Business.
* Compile and validate data; reinforce and maintain compliance with corporate standards.
* Proficient in performing fit gap analysis, assessment, documentation, User interaction, estimation, maintenance and testing in PeopleSoft financials 9.0, 9.1, and 9.2.
* Working application support cases for clients in hosted environments on PeopleSoft HCM, FSCM, and ELM 8.x to 9.x versions.
* Provided end user support during production rollout for PeopleSoft FSCM phases including troubleshooting of issues, use of the application functionality and training of specific functionality in support of job functions.
* The tool was used as for operational and managerial reports to provide comprehensive, up-to-date, and available data set identifying non-adherent population, using complex costumed formulas, Vlookup, Pivot tables and Pivot charts, and conditional design so people could be proactively reached
* Built, deployed, and maintained MS Excel-based data support tools
* Managed user acceptance and parallel testing using best practice policies and broad based industry knowledge for the upgrade of PeopleSoft HCM 8.3 to PeopleSoft HCM 9.2.
* MS Excel Pivot Tables, nested arrays, logical formulas, macros, VBA and dashboard reporting to internal and external head management
* Utilizes PeopleSoft HRM applications to update address and paycheck reports
* Expertise in techno-functional aspects of PeopleSoft financials modules: P2P, Contract Management system (CA), Billing (BI), Account Payable (AP), Account Receivable (AR) PeopleSoft HRMS: Workforce Admin, Manager and employee self-service modules and Time and Labor, vacation leave tracker.
* Coordinate with the Program Management team in the development and sustainment of the projectmanagement methods, systems, tools and techniques in order to ensure continuous improvement
* Designed and maintained tables on SQL server.
* Used advanced Excel functions to generate spreadsheets and pivot tables.
* Maintain and implement databases, data collection systems, data analytics, and other strategies that optimize statistical efficiency and quality.
* I have been involved in all phases of the lifecycle development, from design and implementation through testing.

**Environment:** Erwin, PeopleSoft HCM, SQL Server, Visio, MS-Excel, MS-Access, HP ALM

**Dell Inc Trenton, NJ Feb 2013 – Sept 2014**

**Data Analyst**

I Performed data validation Analyst and program configuration using SQL, VB and Excel to ensure accuracy and automation of procedures**.**

**Responsibilities:**

* Working with ecological data in the long term ecological research project, strong technical skills in relational database management, data manipulation and analyst with SQL, Excel, access, and tableau.
* Research and gather data; input and organize data into Microsoft Excel documents
* Performed in depth analysis of data & prepared periodic reports using Ms Excel, Power Pivot.
* Experience on data cleanser, data extraction, data transformation and loading large volume data from different data sources into database.
* Built management dashboards and data visualizations using Tableau and MS Excel.
* Used SQL to extract data from databases and provided integrated reports for executive meetings.
* Analysed the incoming funds data and client data to improve decision making.
* Created Testing Requirements Document (TRDs) and Test Case Scenarios to test functional changes to the system/application as per the project requirements.

**Environment:** XML, Oracle , SQL server, DataWarehouse, OLAP, SQL Navigator, SQL,Erwin, OLTP, Informatica Power Center, MS-Excel, Power Pivot, MS-office, Microsoft XP Professional..

**TIAA Financial Services Charlotte, NC Feb 2011 – Nov 2012**

**Data Analyst**

**Responsibilities:**

* Experience working with data wrangling, data mining, data analysis and visualization using advance statistical techniques, statistical programming languages, packages, tools.
* Tested internal controls for SOX project.
* Received, sorted and logged source data/inquiries through paper and electronic means into an Excel log.
* Reviewed PII information security.
* Produced scheduled and adhoc reports in Excel.
* Used Business Intelligence to determine test domains
* Used Access, Excel, macros, pivot tables and vlookup
* Performed testing to confirm the integrity of data
* Used Visio, Excel and Word to perform testing in the audit.
* Prepare findings to support the financial audit report.

**Education - Bachelors in science and technology.**