**Payal Patel**

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**Professional Summary:**

* **8 years of strong MS SQL Server Developer, expertise in MS SQL Server 2012/2008/2005/2000 suite of products like SSIS, SSRS and SSAS**.
* Excellent knowledge in creating Databases, Tables, **Stored Procedure, DDL/DML Triggers**, Views, User defined data types, Cursors and **Indexes using T-SQL.**
* Extensive experience with **data modeling techniques**, **logical and physical** database design.
* Expert Knowledge of Integration Services (**SSIS**), Reporting Services (**SSRS**) and Analysis Services (**SSAS**).
* Experience in Database **Development, modeling, Data Warehousing, Design and Technical Management**.
* **Created SSIS packages using SSIS 2005/2008R2/2012/2014. Perform Logging, Package configuration, event handling, Created package dynamic with expression and variable.**
* Experience in creating indexed views, complex stored procedures, effective triggers and useful functions to facilitate efficient data manipulation and consistent data storage. Experience in writing complex **SQL queries involving multiple tables** With different SQL joins, **Dynamic SQL, Triggers, Functions, indexing, Merge commands, Views.**
* Created drilled down, Praramiterised report, drill through report, Sub report with sql server reporting service 2008/2012. Experience in creating month end report with Crystal reporting.
* Experience in Dimensional Modeling, Designing of **STAR and SNOW FLAKE Schemas**.Expereince with designing project based in business requirement. Experiance in performing impact analysis.
* Created Reports with complex formulas and to query the database for business Intelligence.
* Experience in enhancing and deploying the **SSISPackages** from development server to production server
* Created shared dimension tables, measures, **hierarchies, levels, cubes and aggregations** on **MS OLAP**/ **Analysis Server** (**SSAS**). Experience in Creation and deployment of cubes on **SSAS.** Experience in Creation and deployment of cubes on **SSAS.**
* Experienced in **installing, configuring and deploying MS SQL Server** suite of products that includes SQL Server Integration Services, SSRS, SSAS;
* Experience in **data normalization and data modeling using Erwin**;
* Working Experience in documenting complex database applications, and data;
* Expertise in migrating data from **MS-Access, MS-EXCEL** and other external data sources.
* Experience in **Creating and Updating Clustered and Non-Clustered Indexes** to keep up the SQL Server Performance. Have created filtered index, covering index.
* Experience in Analyzing Execution Plan and managing indexes and troubleshooting deadlocks.
* Worked Extensively **on ETL process using SSIS package**.
* Experience in using variables, expressions and functions and also defining Query for generating drill down reports in **SSRS**. Migration of SSRS reports from **SQL 2012** to **SQL 2014.**
* **Experience in leading team of 15 members. 3 years of experience in leading offshore team. Expertise to complete project in hard deadline.**
* Responsible for designing and maintaining stored procedures that are used by various cloud based application that read and write the data in a structured xml format.
* Responsible for building and supporting complex stored procedures that support excel based **pivot table reports** as well as pivot style web based reports.
* Responsible for writing migration routine for allows on-premise data server to communicate to a cloud based database server.
* **Upgraded and modified various stored procedures and functions** to support new features in SQL server 2008 and SQL server 2012 upon each migration.
* Helped with migration from SQL server 2008 to SQL server 2012 by updating various stored procedures that were either not supported due to legacy code or could be improved with new features in SQL server 2012.
* Enabled SQL jobs that are responsible for alerting users regarding data anomalies using traditional email and advanced SMS messaging services.
* Established fail safe and correct error handling policies using best programming practices.
* Worked on multiple web application projects that required VBA, Classis ASP and ASP .Net programming to support various systems.
* Skilled in design of logical and physical data modeling using Erwin data modeling tool.
* Worked with Business Analysts, Web development team, and users on database solutions.
* Worked extensively on **Extraction, Transformation, Loading data from Oracle, DB2, Access, Excel, Flat Files and XML** using DTS, SSIS.
* Experience in Configure and maintain Report Manager and Report Server for SSRS, Deployed andScheduled the Reports in Report Manager.
* Integration of SSRS Reports using various web parts into SharePoint (MOSS 2007) and various deliverymechanisms.

**Education:**

* Bachelor of science **2009**

**Tools and Technologies:**

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| --- | --- |
| **Databases Tools** | SQL Enterprise Manager, Query Analyzer, SQL Server Management Studio, Business Intelligence Development Studio, SQL Profiler, SQL Server Analysis Service (SSAS) |
| **ETL Tools** | Data Transformation Services (DTS) – Export/Import, SQL Server Integration Service (SSIS), Visual Studio 2010,2014 |
| **Reporting Tools** | SQL Server Reporting Services (2000/2005/2008 R2,2012,2014), MS Access, MS Excel |
| **Database** | MS SQL Server 2014/2012/2008/2005/2000, MS Access |
| **Programming** | T-SQL, PL-SQL |
| **Web Technologies** | HTML, DHTML, XML |
| **Operating Systems** | Windows (95/98/2000), Windows 2003/2008 Server**,** Windows XP, Windows Vista |
| **Other Tools** | MS Office Suite (Microsoft Word, Power Point, MS Visio), OLAP & OLTP, ERWIN, Adobe Photoshop, Abode Flash. |

**Professional Experience:**

**SHARP Electronics, Montvale, NJ Dec 2015 – Present**

Sharp Electronics Corporation (SEC) is a wholly owned U.S. subsidiary of Osaka-based Sharp Corporation - a company known worldwide for its unique one-of-a-kind electronic products and solutions.

Sharp Home Electronics Company of America, is the U.S. Consumer Products division of Sharp Electronics Corporation and combines manufacturing, marketing and service.

**SQL and ETL Developer**

**Responsibilites:**

* Worked on extracting, transforming and loading data using **SSIS Import/Export Wizard.**
* Optimized the performance of queries with modifications in T-SQL queries, removed unnecessary columns, and eliminated redundant and inconsistent data.
* **Transformed data from various data sources** using OLE DB connection by creating various SSIS packages.
* Created complex Stored Procedures, Triggers, Functions, Indexes, Tables, Views, SQL joins and other T-SQL code to implement business rules
* Interacting with Onsite people, Taking clarifications regarding applications.Involved in writing SQL queries
* Participate in Walk-through sessions with onsite people
* Implemented **Data partitioning, Error Handling through TRY-CATCH-THROW statement, Common Table Expression** (CTE).
* Designed Cubes with Star Schema using SQL Server Analysis Services 2012 (SSAS). Created several Dashboards and Scorecards with Key Performance Indicators (KPI) in SQL Server 2012 Analysis Services (SSAS).
* Used scripts and variables, email notifications for ETL process using Data Integrator.
* Experience in creating complex SSIS packages using proper control and data flow elements with error handling.
* Worked on Complete Backing up of Database and Restored the Database from Disaster Recovery.
* Responsible for extracting data from multiple operational and financial sources and assemble them intomeaningful business intelligence
* Perform all SDLC phases related to **extract, transform, and load** (ETL) processes **using SQL Server Integration Services (SSIS)** and SQL Server stored procedures within MS SQL Server environment.
* Develop and maintain complex reports, multidimensional cubes and flexible dashboards.
* Create and maintain detailed source-to- target ETL mapping specifications.
* Assist in the definition of the database requirements; analyze existing models and reports.
* Evaluate alternate solutions and design processes and systems which include user impactconsiderations, cost and benefit analysis, and processing specifications.
* Translate business requirements into BI application designs and solutions.
* Performance monitoring, tuning and capacity planning.
* Develop ETL audit process and controls to ensure data quality is compliant with defined standards andthresholds.
* Conduct meeting with clients/business analysts to gather requirements for new developments or changerequests.
* Developed datasets to perform reporting and created interactive **Drill Down**, **Drill Through**, **Tabular**, CrossTab, **Parameterized**, **Cascaded and Sub-reports** using SSRS 2008/2005.
* Implemented SSAS Cubes, Facts and Dimension tables to perform analysis and deploy OLAP cubes onDevelopment server.
* Managed the historical data in the data warehouse from various data sources and generated various drilldown, drill through, **matrix** and **chart reports** from SSAS cubes using SSRS 2008.
* **Developed/modified Stored Procedures**, **Views for different reports** and performed optimizationtechniques for these database objects to improve the performance.
* Responsible for fixing all the Production defects logged by the business users
* Responsible for Report Deployment, documenting changes on VSTS for each onsite delivery
* Document test cases and perform Unit testing for every change requests/new developments.
* Knowledge transfer [Functional/Process flow] to the new team member
* Responsible for maintaining the different report versions using Team Foundation Server (TFS)
* Extensive use of Visual Studio Team System (VSTS) for bug tracking

**References:**

KetanGediya

[Ketan.gediya@sharpusa.com](mailto:Ketan.gediya@sharpusa.com)

**Atlantic Health System, Newton, NJ Nov 2013 – Nov 2015**

Atlantic Health System, headquartered in Morristown, New Jersey and one of the leading non-profit health care systems in the state, is committed to creating a Trusted Network of Caring. Our promise to our communities is that all who enter our system receive the highest quality care delivered at the right time, at the right place, and at the right cost.

**SQL Server Developer**

**Responsibilities:**

* Created Database Maintenance Planner for the Performance of SQL Server which covers Database Integrity Checks, Update Database Statistics and Re-indexing.
* Worked on **Complete Backing up of Database and Restored the Database** from Disaster Recovery.
* **Created Triggers to enforce data** and referential integrity.
* Created stored procedures for maintaining SQL Server, Written Stored Procedures for Application Developers.
* Design/ developing SSIS (ETL)/SSAS (OLAP) MDX developing components.
* Monitoring SQL server performance using profiler to find performance and dead locks.
* **Writing (Back-end) PL/SQL code** to implement business rules **through triggers, cursors, procedures, functions, and packages using SQL.**
* Maintaining the database consistency with DBCC at regular intervals
* Created SSIS Packages to pull data from iSeries and load into SQL Server Tables.
* **Experience in creating** complex **SSIS packages** using **proper control** and **data flow**elements.
* Developed reports and deployed them on server using SQL Server Reporting Services(SSRS).
* Created **multiple reports with drop down** menu option having complex groupings withinthe report.
* Excellent report creation skills using **Microsoft SQL Server 2012/2008/2005Reporting Services (SSRS)** with proficiency in using **Report Designer** as well as **Report Builder**.
* Handful experience in working with the new concept of **Tablix Data Regions** in the**Report Layout,Created a stack of stepped reports** using **the Tablix.**
* Involved in developing logical and physical database using Erwin, Normalization, Dimension Modeling and Enterprise Manager.
* Worked on making on the enterprise-wide use of XML applications, content management systems,taxonomies, and search engine optimization.
* Manage customer expectations by clearly documenting and maintaining project deliverables, plans, andstatus throughout life of the project.
* Monitoring the servers using spot light third party Quest software.
* Used DTS to migrate the tables to the Data Warehouse. Handled Different DSS (Decision SupportSystem) for various applications.
* Highly Proficient in creating SQL Server Reports, Handling **sub-reports** and writingqueries to perform **Roll-up** and **Drill down operations** in SSRS 2014/2012.
* Created &amp; formatted Cross-Tab, Conditional, Drill-down, Top N, Summary, Form, OLAP,**Sub reports**, **Adhoc reports**, **parameterized reports**, interactive reports &amp; custom reports.
* Experience in providing SSRS server level, item level Security &amp; Accessibility to variousreports in multi-user environment.
* Exposed to all phases of software development life cycle SDLC including in-depthknowledge of Agile methodology, Water Fall Model, Enterprise Reporting Life Cycle,SQL Server Migrations, Change control rules, problem management and escalationprocedures.
* Skilled in Data warehousing tools, Data Mapping, Unit Testing, Migration Conversions,and Process Documentation.
* Extensively used bulk collection in PL/SQL objects for improving the performing.

**Reference Name:**

**Chirag Patel**

**Chirag.patel2@atlantichealth.org**

### Best Buy - Richfield, MN Oct 2011 – Oct 2013

Best Buy is not only a retailer but also a technology-based company, where technology itself is at the heart of operation. Best Buy Information Technology organization is transforming to play an even more integral role in helping the company define and execute key elements of the business model.Today, Best Buy is moving to a multidimensional IT model and expanding the internal teams and capabilities necessary to drive the IT strategy, architecture and technology solutions that support Best Buys growth. Best Buy IT environment is fast-paced and constantly changing to meet the demands of diverse business offerings.

**Transact-SQL Developer**

**Responsibilities**:

* Maintained and supported the SQL Server databases as a developer helpingadministrator.
* Involved in full development cycle of Planning, Analysis, Design, Development, Testing and Implementation.
* Wrote identity for automatic generation of unique keys to support primary and foreign key constraints in data conversions.
* Used **DDL**and **DML** for writing triggers, stored procedures to check the data entry and payment verification.
* Worked with installing, designing and managing MS SQL Server 2008.
* Creating indexes on tables to improve the performance by eliminating the full table scans and views for hiding the actual tables and to eliminate the complexity of the large queries.
* Created different types of **User-defined functions.**
* Used **Joins** to write queries that retrieve data from more than one table.
* Created complex **Stored Procedures**, **triggers**, **cursors**, **tables**, **views** and **other SQL joins**and statements for applications.
* Created packages in SSIS with **error handling.**
* Developed reports that deliver data from cubes.
* Created and managed **subscriptions** for the reports.
* Skilled in Data warehousing tools, Data Mapping, Unit Testing, Migration Conversions,and Process Documentation.
* Expertise in Dynamic SQL and Exception handling.
* Good knowledge of key oracle performance related features such as **Query Optimizer**, **Execution Plans** and **Indexes**, statspack,AWR.
* Created Shell Scripts for invoking SQL scripts and scheduled them using crontab.
* **Loaded Data into Oracle Tables** using SQL Loader.
* Partitioned large Tables using range,list partition technique.
* Created records, tables, collections (nested tables and arrays) for improving Queryperformance by reducing context switching.
* Extensively used the advanced features of PL/SQL like Records, Tables, Objecttypes and Dynamic SQL.

## Ethan Allen Workforce Solutions - Newburgh, NY Sep 2009 – Sep 2011

Today Ethan Allen Workforce Solutions’ group of companies offers a full range of employment solutions including: direct placement, temporary staffing, recruitment process outsourcing and professional employer services. This gives us the capacity and flexibility to provide the HR, staffing, and recruiting solutions our clients need. Ethan Allen’s long tenure and diverse client base offer job seekers access to many excellent temporary and permanent job opportunities.

**SQL Server Developer/SSIS/SSRS**

**Responsibilities**

* Interacted with the users for understanding and gathering business requirements.
* Designed a complex ETL\SSIS package for data transfer from three different firm sources to a single destination like SQL Server 2005.
* Successfully transferred old data from various sources like flat files, MS Access, and Excel into MS SQL Server 2005 using ETL\SSIS Packages.
* Created complex stored procedures and functions for integrity checks of transferred data.
* Developed logical database and converted into physical database using Erwin.
* Involved in gathering and analyzing business requirements for reporting purpose.
* Proficiently created Reports based on the requirements using SSRS 2005.
* **Created reports** to retrieve data using database code objects, such as **stored procedures, views, functions** and multiple TSQL queries.
* Designed and developed various Service Management Reports, utilizing Dynamic and **Cascading Prompts**, fund Reports, Portfolio Report, **sub-reports, charts, parameterized reports**, conditional and dynamic reports using **SSRS** 2005.
* Used complex expressions to **calculate group, filter and parameter** in report.
* Created various Tabular and Matrix Reports using **SSRS**.
* Created and scheduled jobs for various tasks and also was responsible for maintainingjobs.
* Designed and Developed Database Objects like **Tables, Stored Procedures, Triggers**,Rules, Defaults**, user defined data types and functions** for this project.
* Backing up, **Restoring databases as per requirements**, and also scheduled those backups.
* Pulling the data from T-SQL stored procedure to make the **parameterized reports**.
* Generated packages using different Transformations like Lookups, **Derived Column, Merge Join, FuzzyLookup, For Loop, For Each Loop, Conditional Split, Union all, Script component.**