PROFILE

Vasanth is a senior Database Lead with over 10 years of hands on experience in all stages of software development using Microsoft Technologies. Vasanth has gained extensive experience in developing world class business applications for Retail, Healthcare and Market Research verticals. Vasanth possesses strong problem analysis skills with ability to follow project standards and procedures as per client specifications. Vasanth has worked on a variety of operating systems, including Windows, UNIX and Linux where he gained valuable experience with shell scripting. Vasanth is detail oriented, and a firm believer in providing the highest quality of code possible.

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| **Overview**   * SQL Server 2000/2005/2008 * SSIS/SSRS * Oracle * MySQL * T-SQL * .Net/ASP.Net * Sharepoint * JavaScript/Jquery * Unix/Linux Shell Scripting * SSIS/SSRS * C# * HTML * XML * UML * IIS 5,6 and 7 * Adobe Flash * PHP/Joomla * Apache Web Server * VSS * SVN * CVS   **Operating Systems**   * Windows * UNIX * Linux |

t ech nical skills

* Over ten years of experience in designing, developing, implementing ETL solutions using Microsoft technologies with outstanding domain knowledge and methodologies related to **Retail, Healthcare, Market Research and finance verticals.**
* Strong hands-on experience in developing software applications using **Visual Studio .NET 2003/2005/2008/2010, Visual Studio 6.0, SQL Server 2000/2005/2008, Oracle, MySQL**
* Over seven years of experience as MS-SQL Server Developer in **data modeling, data design, database programming, Development and Support** of SQL Server 2000/2005/2008 for OLTP/ETL environments.
* Fine tuned several world class Apps/databases using Index Tuning Wizard and Tuning Advisor
* Excellent knowledge in performance tuning and query optimization Using SQL Profiler, Execution Plan, Performance Monitor.
* Experience in Extracting, Transforming and Loading (ETL) data from Excel, Flat file, Oracle to MS SQL Server by using BCP utility, DTS and SSIS services.
* Migrated and **Upgraded DTS Packages to SSIS Packages** across all environments.
* Experience in Extraction & Migration of Data from heterogeneous data sources like Excel, MS Access, Oracle and DB2 to MS SQL Server by using Import Export Wizard, DTS SSIS, and BCP & Bulk Insert utilities.
* Expertise in handling Errors by using Event Handler and can provide **Logging, Custom Logging for SSIS Packages**.
* Exposed to **Agile/Scrum** application development methodologies
* Experience in deploying created reports in various sources like Web browser, XML and PDF.
* Fair exposure to Web, Windows, Smart Client and B2B Applications using .NET Technology such as **VB 6.0, VB.Net, C#.NET, ASP.Net, Entity Framework, Silverlight and PHP.**
* Have used **VSS/SVN/CVS** for source control management

Academic Qualifications

Masters in Science (Computer Science)

professional experience

**January 2010 - Present**

**Client: Synovate (IPSOS) Inc**

**Position: Senior ETL Consultant**

**Environment: SQL Server 2000/2005/2008, Visual Studio 2005/2008/2010, SSRS, SSIS, DTS, Javascript, C#, .Net Framework, ASP.Net and Scrum**

**Location: Chicago, IL.**

**Responsibilities:**

* Microsoft SSIS design and implementation, TSQL querying and SQL Agent jobs
* Migration of legacy application architecture and database systems to new systems
* Technical Architect in design and development of several operational data stores using (.NET, SQL Server 2008, SSIS 2008 and SSRS 2008)
* Built several **SSIS** packages to load data from various sources
* replication model for real time marketing system.
* Created project plan and executed project tasks
* Implementation of replication model
* Incorporated the DTS Packages into MS SQL Server 2005/2008 Integration Services by using Package Migration Wizard and Execute DTS 2005 Package task.
* Used **ETL/SSIS** to implement the Slowly Changing Transformation, to maintain Historical Data in Data warehouse.
* Designed different type of reports including: **Tabular forms, Matrix** (cross Tab report) form, **List items**, **Charts** and **Linked reports** using **SSRS .**
* Used **Dundas** reporting tools to create dashboards with charts and gauges.
* Performed T-SQL tuning and optimization of queries for reports that took longer execution time using MS SQL Profiler, Index Tuning Wizard and SQL Query Generated reports using SSRS which were sent to different Clients, and managers.
* Created Linked Servers for data retrieval using OLE DB data sources and providers.
* Design and implementation of stored procedures and triggers for automating tasks.
* Interacting with the users and troubleshooting the problems involved with the development of stored Procedures, triggers and problems related to the privileges.
* Created Views to reduce database complexities for the end users.
* Worked on troubleshooting and maintaining large (terabyte-size) clustered databases.
* Setting up scrum meetings to identify/schedule priorities and identify road blocksInvolved in unit testing the applications.

**April 2008 - December 2009**

**Client: Kell Web Solution, US**

**Position: SQL Server Consultant**

**Environment**: **SQL Server 2005/2008, SSIS/SSRS, Visual Studio 2005, Visual Source Safe and Scrum**

**Location: Pleasanton, CA.**

* Involved in **Planning**, **Defining** and **Designing** data based on business requirements and provided documentation.
* Created **SSIS** packages to extract data from **OLTP** to **OLAP** systems and Scheduled Jobs to call the packages and Stored Procedures through SQL Server Agent.
* Created complex **SSIS packages** using proper **control** and **data flow** elements.
* Created packages in **SSIS with error handling**.
* Worked with different methods of **logging** in **SSIS**.
* Deployed **packages on different servers** by **configuring** it.
* Built SSIS packages for processing **cubes** and **dimensions** and performed documentation for all kinds of reports, **DTS** packages and **SSIS** packages
* Created a number of reports with **dynamic parameters** accommodating the changing reporting needs of various business users. Also proficient in working with **static parameters**.
* Extensively worked with MS SQL Server Reporting Services (**SSRS**) 2005 and 2008 and deployed successfully.
* Created **Sub-reports**, **Drill-down** reports, **Drill-through** reports, Summary reports and **Parameterized** reports in **SSRS**
* Created **Ad-hoc** reports for managers using **SSRS** to immediately have them get access to the reports on the fly and generated reports using SSRS
* Created **plan**, **alerts**, schedule in Active Batch to call the **SQL agent** job which executed the packages.
* Expert in creating **MOLAP** Warehouse utilizing SQL 2005 Server Analysis Services (**SSAS**) and created **cubes** with **dimensions**, **facts** and **hierarchies**.
* Involved in all phases of **SDLC** and successfully completed

**January 2008 - April 2008**

**Client: EZ-TO-BUY Homes, Inc**

**Position: Senior Database Consultant**

**Environment**: **SSIS, SSRS, T-SQL, SQL Server 2005,.Net 2.0(C#), MS SQL Server 2005, JavaScript, HTML.**

**Location: Chennai, India**

* Involved in requirement analysis. Direct interaction with the end users and Business Analysts.
* Participated in designing logical and physical data models for database.
* Optimized of Stored procedures using database engine tuning advisor to reduce the execution time.
* Created various indexes on source tables in order to improve Transformation processing timings.
* Used various transformations like Sorting, Merge, Merge join, Fuzzy Grouping, Fuzzy Lookup, Derived column, Multicast etc.
* **Generated SSIS packages to upload database from different data sources such as SQL server, Sybase, Excel, Oracle and Access.**
* Developed DTS/SSIS package to manage number of Packages in easy manner and to get better performance.
* Created Logging and Configuration files for **SSIS** packages.
* Created various batch files for the purpose to automate creation of various objects of database.
* Worked on SSRS to generate dynamic reports according to end user requirement and deployed on web-portal.
* Worked on SSRS to generated reports using XML data source.
* **Developed various reports like Parameterized, Drill Down, Linked reports using SSRS for business reconciliation and rendered in EXCEL format.**
* Involved in SQL Server Cluster and Database Mirroring implementation.
* Responsible for Query optimization and Performance tuning, tuned SQL queries using Show Plans and Execution Plans.
* Involved in implementation of data mart, facts, dimensions, star schema and OLAP cubes based on Kimball’s dimensional modeling standards using SQL Server Analysis Service

**September 2007 - February 2008**

**Client: Forex CAT’s, UK**

**Position: Microsoft Consultant**

**Description: Provide trade information of clients the company handles.**

**Environment**: **Windows XP, SSRS, ASP.Net 2.0(C#), MS SQL Server 2005, JavaScript, HTML.**

**Location: Chennai, India**

* Designed normalized data schemas using **MS SQL Server 2005** **Management Studio**.
* Created stored procedures, user defined functions and special software roles, which restrict access to data from the database.
* Developed business logic components as a middle-tier between database (**C#, ADO.NET**) and the client application \ administration tools (**C#, ASP.NET and IIS**).
* Implementing data exchanging between server and administrator’s application
* Envisioned and built front-end for the site written in ASP.NET, C#, XML, HTML, DHTML, JavaScript.
* Developed new visual components to display the trade information in **Graph**
* Used **Microsoft SQL Server Reporting services** to generate reports for trade information.
* Successfully engaged external clients in proposal and requirements gathering meetings.

**April 2007 - September 2007**

**Client: Synovate, USA**

**Position: Object Oriented Developer**

**Environment**: **Windows XP, Drupal, PHP, mySQL, JavaScript, HTML.**

**Location: Chennai, India**

Synovate is a market survey research company, the main key business is to deliver the statistical reports to the clients Oracle, Microsoft, Applebee’s, Qdoba, etc.,

**Responsibilities:**

* Involved in the project planning and estimated the time to develop and deploy the system.
* Maintenance and support of the web based system
* Involved in developing business objects using stored procedures and front end objects using C#
* As a configuration Manager involved in version control of the source code using CVS tool.
* Created various documents like project plan, functional specification, user guide and test plan, test case and disaster recovery plan documents.
* Improved the reporting performance by query tuning and incorporating XML, XSL.
* Addressed support calls of end clients, which include enhancing the report features, changes in site layout and performance issues.
* Involved in managing the Web server that hosted on IIS5.0, this includes site setup, FTP access
* Used Web Services to connect to other service portals.
* User Controls are used in ASP.NET pages for ease of code readability and re-use.
* Involved in Unit testing of the module.

**Environment:** Visual C#. NET 2005, SQL Server 2000, Visual Studio 2005, IIS

**January 2007 - March 2007**

**Client: Swarnapuri Trust, India**

**Position: Microsoft Consultant**

**Description: Store to sell books online.**

**Environment**: **Windows , ASP.Net 2.0(C#), MS SQL Server 2005, JavaScript, HTML.**

Developed an e-commerce web site that enabled Swarnapuri trust to promote and sell their devotional books online.

* Developed User interfaces using **ASP.net 2.0** and with business logic written using **C#.**
* As part of the development team, developed web interfaces for User module using **ASP.net** with extensive features like **User Controls, Gridview control** etc.
* Used **MasterPages** for designing UI screens.
* Developed classes for database access, .Net Framework assemblies and other business components using **C#** and **ADO.NET**.
* Used **ADO.NET** disconnected **DataSet** model, stored procedures to enhance performance.
* **SQL Server 2005 Management Studio** was used to create objects like tables, stored procedures, etc.

**August 2006 - January 2007**

**Client: Delaware Department of Justice, State Of Delaware, USA**

**Position: Microsoft Consultant**

**Description: Prosecution Charging Initiative (PCI) is a system for the Delaware Department of Justice for the creation of Indictments, Information and Petitions to be filed in the Superior, Common Please and Family Courts of Delaware.**

**Environment**: **Windows 2000, ASP.Net 2.0(VB.Net), MS SQL Server 2005, JavaScript, HTML.**

**Location: Chennai, India**

* Worked on requirement gathering and specification phase to understand business process.
* Designed and normalized the databases and created different objects like tables, views, stored procedures and indexes on MS SQL Server
* Created Stored Procedures, Triggers, Functions and views as per application requirement.
* Designed packages which utilized tasks and transformations such as Execute SQL Task, Data Flow Task, Sequence Container, For Each Loop Container, Multi-cast task, XML-Merge task, Conditional Split task, OLE DB Command and Derived Column
* Transformed data from various heterogeneous data sources using OLE DB connection by creating various SSIS packages
* Extracted data using SSIS from OLTP to OLAP and extensively used SSIS Import/Export Wizard, for performing the ETL operations
* Created SQL Server Reports using SSRS 2005 and exported them to Excel format for managers and Quality Assurance team for easy validation
* Based on the required reports, identified various data sources and established the connections using SSIS and constructed data source view
* Created report models for ad hoc reports when the end user wants to see the reports as soon as possible

October 2003 - July 2006

**Client: Webland AG, Switzerland**

**Position: Microsoft Consultant**

**Description: Developed an online tool that makes easy for anyone to create and publish a website.**

**Environment**: **Windows XP, ASP.Net(C#), MS SQL Server 2000, JavaScript, HTML, XML, XSLT.**

**Location: Chennai, India**

Web Site Creator makes web developing easy and enables anytime online content Management. It comes with a huge collection of ready made designs, categorized for different sectors, to design a website by just choosing ready made design and put company information, upload images and save it.

* Developed front-end screens for registration, consultation, follow-up, coding of application logic in **ASP.Net** and **C#** utilizing the power of **Microsoft .NET Framework**.
* Designed and implemented the GUI (**ASP.NET**) with Web Form controls, **web-server controls** including **Data Grid, Data List** and SQL Server 2000 used as a database
* Coded and developed various Web Interfaces with **C#** for login form, Template uploading form, template categorization form, Styles including form etc.
* Used **ADO.Net Technology** to connect the web forms to data sources such as MS SQL Server and Xml files for manipulating data in database.
* Designed and developed the required **SQL stored procedures**, **triggers** and database functions
* Designed and Administered Security policies in .Net Code based as well role based security.
* Design and developed the **C# components** for implementing business logic in middle tier in 3-tier application interacting with SQL Server database using Managed provider using **ADO.NET**.
* Reusable UI widgets, such as the navigation menus, are implemented as **ASP.NET** User/Custom Controls.
* Implemented **Page Level Caching** (i.e. called Output Caching) to store copies of entire pages/page fragments for more static pages.
* Coded using **XSLT** in generating the website pagestaking the data from **XML** document and formatting with **XSL.**
* Used **IIS** **authentication** and **Forms Based authentication** for various web pages.