**Nikhil S P**

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**Professional Snapshot**

* Having **8** years of experience in development of Business Intelligence solutions using MSBI, **2+** years in SSRS and **2** years in SSAS.
* Performance tuning of T-SQL queries and SSIS packages.
* Development of **Scorecards** and **Dashboards** in SSRS.
* Experience in writing **T-SQL** and basic **MDX** queries.
* Working knowledge in **Azure** and **Power BI**.
* Database maintenance and Task Scheduling.

**TECHNICAL EXPERTISE**

**Technologies** MSBI 2008 (SSIS, SSRS, SSAS), Power BI, Pentaho (Spoon)

**Languages** T-SQL, U- SQL, My-SQL, C#, MDX, Power Query, Python

**Database** Azure (DB, DW, Data Lake and Storage), SQL Server (2008, 2012)

**Tools** BCP, AZ Copy, VS 2015, Bugzilla, TFS, MS Visio, SSDT 2012/13, MS Threat Modelling

**PROFESSIONAL EXPERIENCE**

**June 2017 to till date** working as **Technical Lead** for **PricewaterhouseCoopers GDC**, Bangalore.

**June 2015 to June 2017** working as **Senior Software Engineer** for **PricewaterhouseCoopers GDC**, Bangalore.

**October 2012 to June 2015** worked as **Senior Business Consultant** for **NTT Data GDS**, Bangalore.

**March 2010 to October 2012** worked as **System Analyst** for **Sonata Software Limited**, Bangalore.

**PROJECTS SUMMARY**

* **Project – 1. TPx Communications**

**Duration**: September, 17 to Till Date

**Role**: Team Lead

Client is a privately held provider of managed services including unified communications, managed IT services, connectivity cloud and business continuity services. TPx Communications offers voice services, local and long distance phone services, Internet access, UCx hosted communications, private networking, data colocation, voice over IP applications, MPLS, fixed wireless services, integrated and other data services, cloud computing, software as a service, business continuity, security and other telecom and IT services for, small, medium and enterprise businesses, including nonprofit organizations and government customers. The company maintains offices nationwide, delivering Tier 1 services for multilocation customers with offices anywhere in the United States.

**Responsibilities**:

* Involved in designing SSIS ETL framework for extracting and data loading.
* Developed SSIS packages to load very large data volume into Azure SQL server.
* Involved in developing the data dictionary and data flow documents.
* Writing complex stored procedures to implement business logic.
* SQL Query optimization.
* **Project – 2. Gulfport**

**Duration**: January, 16 to August, 17

**Role**: Senior Software Engineer

Client is an independent natural gas and Oil Company focused on the exploration and development of natural gas and oil properties in North America and is one of the largest producers of natural gas in the contiguous United States. Leading &amp; Largest Natural Gas &amp; Electric Company in USA.

**Responsibilities**:

* Designed SSIS ETL framework for extracting, cleaning, transforming, loading and maintaining historical data into data warehouse.
* Developed, deployed and scheduled SSIS packages to load data into warehouse.
* Involved in preparing HDD, Unit testing, Data mapping sheet and Hardware architecture documents.
* Involved in designing, reviewing, and creating primary objects like Views, Indexes, Stored procedure, Functions based on logical design models, user requirements and physical constraints.
* Design and development of Power BI reports and Dashboards.
* Scheduling automated refresh of your reports
* **Project – 3. Enterprise transformation Orchestrator**

**Duration**: June, 15 to December, 15

**Role**: Senior Software Engineer

Client is the Leading & Largest Natural Gas & Electric Company in USA. Enterprise Orchestrator Tool (ETO) is a comprehensive enterprise management solution that scales from single sites to global enterprises.

**Responsibilities**:

* Analyzed business requirements and build logical and physical data models that describe all the data and relationships between the data.
* Used ETL SSIS to develop jobs for extracting, cleaning, transforming and loading data into data warehouse.
* Involved in designing, reviewing, and creating primary objects like Views, Indexes, Stored procedure,

Functions, Triggers based on logical design models, user requirements and physical constraints.

* Involved in Designing the Azure SQL Development.
* Implemented Data Sync in Azure, Implemented Mobile Services & Schedule Backup’s in the Cloud.
* Implemented Office 365 & Power BI, Power Query for the Organization to share the Queries.
* Implemented All Reports & Dashboards in Power BI Stack.
* Generated various Report models on Views (due to security issues) and deployed them on to

The production reporting server and generated various Report models and ad-hoc reports.

* **Project – 4. IQ Central**

**Duration**: April, 14 to Till Date

**Role**: Systems Analyst

Outlet Norm’s project is built to Download/Upload the Norms data calculated by using the sales data and other master data given by warehouse team. The project is built for the Area Sales Managers, customer marketing team and other users. It is built using OLAP Excel 2007 as front end and SSAS as backend. The end user slices and dices the pivot generated within the excel and if any changes required, the utility is given to download the data at a leaf level and then change the norms already calculated and this can be done through the Download/Upload button provided within the excel. This data is used by Redistributors to know the stock that needs to be maintained by each outlet. The application is used to increase the secondary sales of the HUL at outlet level.

**Responsibilities**:

* As a Programmer analyst responsibility includes System study and Architectural Design, Database Design, SSAS cube design, SSIS packaging, testing and bug fixing.
* Worked directly with functional analysts and business users in understanding information needs of the business and developing new data warehouse/BI functionalities to meet their requirements
* Designed and created different SSIS packages for data loading from SQL server source to IBM DB2 as destination.
* Developed & maintained scripts, utility jobs or implement needed software for database maintenance.
* Developing MS OLAP Cubes for Analysis and SSIS Packages for Data Extraction, Implementation of the Integration Design with the Down Stream systems (DB2 database) Security Implementation.
* Log shipping for disaster recovery.
* **Project – 5. Fallon Community Health Plan**

**Duration:** October, 12 to March, 14

**Role:** SSISDeveloper

Fallon Community Health Plan provides health care services designed to meet the unique and changing needs. Current project “FCHP – EDW Redesign” aims to create a new Enterprise Data Warehouse from existing Oracle Enterprise Data Warehouse. The total implementation is divided into different subject areas like Provider, Member and Claims etc. Source data is loaded into the target data warehouse in multiple stages for each subject area.

**Responsibilities**:

* + - * Development of ETL packages in SSIS.
      * Writing T-SQL scripts, stored procedures and source queries.
      * SQA Process.
      * Coordinating the development across geographic locations and delivery.
      * Preparation of mapping document and Unit Test Plan.
      * RCA and Fixing Bugs, Unit Testing and Deployment.
      * Mentoring team members in understanding the tools and functionality.
      * Leading a team of 4 in development and QA fixes
* **Project – 6. Attendance BI**

**Duration:** April, 12 to October, 12

**Role:** MSBI Developer

Attendance BI is to track the attendance of the employees through the swipes. At regular intervals employee in the Company receives his/her swipes through e-mails. It helps business users to do analysis on detailed information about employees with respect to swipes, attendance and invalid location swipes.

**Responsibilities**:

* Development of ETL packages is SSIS.
* Report Authoring (SSRS), deployment and Publishing.
* Creation and management of portal in WSS and SharePoint.
* Database maintenance, Task Scheduling and T – SQL query optimization.
* Preparation of SRS, HLD and LLD.
* Unit Testing and Bug Fixing.
* Scheduling report delivery and SQL server agent jobs.
* Handling post production issues.
* **Project – 7. Orbit BI**

**Duration:** November, 10 to October, 12

**Role:** Programmer Analyst

This project incorporates all the phases in BI Lifecycle (ETL, OLAP, Reports). Goal was to build a Reporting/Analyzing application to over Microsoft Dynamics AX 4.0 (ERP system) and Oracle database. Financial, HR and Financial + HR reports are developed

**Responsibilities**:

* Development of Reports in SSRS on DW and Cube.
* Development of Scorecards and Dashboards in SSRS.
* Development of ETL packages in SSIS.
* T – SQL query optimization.
* Created new dimensions and Calculated fields in Cube (SSAS).
* Involved in creation of portal in Production environment in WSS.
* Creation of new pages in Portal to publish reports (SharePoint & WSS).
* Deployment of reports and publishing the same in portal.
* Database maintenance and Task Scheduling.
* Preparing/updating documents like SRS, HLDD.
* Bug Fixing, Unit Testing.
* Mentoring team members in understanding the functionality.

**Technology Used**: SQL SERVER 2008, MSBI 2008 (SSIS and SSRS), WSS 3.0 and SharePoint 2007, Visual Source Safe 6.0, Windows Server 2003 and 2008

**ACADEMIA**

**Bachelor of Engineering** (**CS**, 2009), SSIT, Tumkur (V.T.U), Secured 70.23%

PU (2005), Sarvodaya PU College, Secured 64.5%

SSLC (2003), Vidyaniketan High School, Secured 77.92%

**PROFESSIONAL CERTIFICATIONS**

* MCSE – 70-[462: Administering Microsoft SQL Server 2012 Databases](https://www.microsoft.com/en-us/learning/exam-70-462.aspx)
* MCSE – 70-463: [Implementing a Data Warehouse with Microsoft SQL Server 2012](https://www.microsoft.com/en-us/learning/exam-70-463.aspx)

**ACHIEVEMENTS AND AWARDS**

* Got ‘Spot award’.
* Successfully completed Attendance BI as a single resource and received appreciations for the same from Chief Financial Officer.
* Received ‘Certificate of Excellence’ from the client for outstanding performance.

**PERSONAL DETAILS**

**Date of Birth**  5th May 1987

**Languages** English, Hindi, Kannada, Telugu