



P Dorendrajit Singh

Email: dorendrajit.pukhrambam@outlook.com

Mobile: +91-9731399725

Location: Bangalore

CAREER PROFILE

A skilled, talented, and dedicated IT professional with 14+ years of diverse experience as Microsoft Business Intelligence (**MSBI**) Full Stack Specialist and Solution Architect in Production, Development and Staging Environments in the banking, retail, energy, Sales, Gaming-Lottery, and insurance business domains

Looking for a challenging position to utilize my knowledge of implementing, designing, low-cost solutions and operating stably in enterprise data integration

SUMMARY

- **14+** Years of experience in **SQL Server Integration Services (SSIS)** 2012,2014,2016
- **8+** Years of experience in **SQL Server Analysis Services (SSAS)** Cube Development in **Tabular Model**
- **8+** Years of experience in **SQL Server Reporting Services (SSRS)**
- **14+** Years of experience in **SQL Server Databases (MSSQL)**
- **Certified SAFe® 4 Agilist**
- **6+** Years of experience in **Microsoft Power BI** report development
- **14+** Years of IT experience in Requirement Analysis, Design, Development, Data Analysis, Implementation and Testing in the retail, energy and insurance business domains using Microsoft Business Intelligence (**MSBI**)
- **7+ Years** of experience in **data modelling** for transactional and data warehousing projects
- Sound knowledge in **C#.net, XML, XSLT, WCF**
- Currently working as **Database/ETL Technical Lead** in **Societe Generale, Bangalore**
- Very Good knowledge in preparing Design Documents (Technical Specification) and project case studies
- Excellent Coordination through Client and User interactions, experienced in Requirement & Design Analysis, and Mapping of Business Processes to Technical Requirements
- Demonstrates excellent troubleshooting and analytical abilities, outstanding inter-personal and communication skills
- Provided superior technical solutions and consistently delivered high-quality services to client
- Good Knowledge in implementing best practices and performance tuning in SSIS packages and SQL server.
- Active participant in the Interview panel and providing qualitative training on SSIS and SQL Server databases to junior team members

EXPERIENCE

- Currently working with **Societe Generale, Bangalore** since September 2019 till date as a Technical Lead
- Worked with **Accenture Solutions Private Limited** Bangalore from August 2013 to September 2019 as a Team Lead
- Worked with **TESCO Hindustan Service Centre**, Bangalore from March 2007 to July 2013 as Senior Software Engineer

ACHIEVEMENTS

- Secured **18th** rank in Manipur State Board Examination 1998
- Recipient of **Accenture Celebrates Excellence (ACE)** Awards for Excellence in Value Creation and Contribution through Innovation in Work Processes
- Recipient of **TESCO VALUE award** for innovative automated tools and processes

TECHNICAL PROFICIENCY

Databases

Microsoft SQL Server 2016, 2012, 2008
Oracle 9i, MySQL
HIVE, IMPALA

Development Tools

Microsoft SQL Server 2016,2014,2012
Microsoft SQL Server Integration Services (SSIS) 2016
Microsoft SQL Server Reporting Services (SSRS) 2016
Microsoft SQL Server Analysis Services (SSAS) 2016
Microsoft Power BI
Microsoft Team Foundation Server (TFS)

Productivity Tools

Microsoft Visual Studio
DBever, GitLab, GitHub,
DB Visualizer
Eclipse

Languages

.NET, VB .NET, C# .NET, SQL, XML, XSLT, DAX

Industry Domains

Retail, Insurance, Energy and Sales, Gaming and Lottery

PROFESSIONAL EXPERIENCE

1. Societe Generale – Quantic: MI Automation

The actual expense, Head Count and FTE data are consumed by the QUANTIC application which is extracted from SOFT in the form of excel flat files. Along with this, the budget and the forecasted data is also consumed into the application along with various referential data like the Responsibility Centre, Cost Codes, Care Level classification and the currency FX rates. Then this data is further allocated to the delivery RCs in terms of cost base on FTE keys and cost keys. The data is pulled into Microsoft SQL Server Analysis Tabular cube and then reported using Power BI and excel visuals for deeper analytics.

Team Size : Scrum Team size of 5
Work Location : Societe Generale Office, Ecospace Bangalore
Environment : SQL Server 2016, SSIS 2016, SSAS 2016, Power BI
Role : **Technical Lead**
Duration : September 2019 - till date

Responsibilities:

- Involve in the requirement study and feasibility checks before the actual code implementation and provide the technical solution architecture
- Design and implement the SSAS Cubes in the tabular model which is required for the Power BI reports to be generated for the business users
- Design and implement various Power BI reports which consumes the SSAS cubes for data visualizations
- Design and implement the integration ETL SSIS packages which is required for the inter communication between various systems involved in the project

2. Intel Technology India Private Limited: Global Customer Success (GCS)

Intel designs advanced, high-performance processors for every usage, including enterprise-scale servers, IoT devices, laptops, desktops, workstations, and mobile devices. GCS program aims at providing a world class customer service support related to the product warranty and technical support customer issues by analyzing the data for both predictive and prescriptive analytics.

This project aims at providing high end business analytics with the help of Power BI reports for the business users. The data which is made available in various SSAS tabular cubes are consumed by the Power BI reports for different visualizations.

Team Size	: Scrum Team size of 6
Work Location	: Accenture Office, Ecospace Bangalore
Environment	: SQL Server 2016, SSIS 2016, SSAS 2016, Power BI
Role	: Technical Team Lead / Senior Developer
Duration	: October 2018- till date

Responsibilities:

- Involve in the requirement study and feasibility checks before the actual code implementation and provide technical guidance to the whole team
- Design and implement the SSAS Cubes in the tabular model which is required for the Power BI reports to be generated for the business users
- Design and implement various Power BI reports which consumes the SSAS cubes for data visualizations
- Design and implement the integration ETL SSIS packages which is required for the inter communication between various systems involved in the project
- Provide guidance and managed an AGILE SCRUM team of 6 people within the same project

3. Singapore Pools Private Limited (SPPL): Unified Betting Terminal

Singapore Pools Private Limited is a state-owned lottery subsidiary company in Singapore. As a wholly owned subsidiary of the Tote Board, it is the only operator that is legally allowed to run lotteries in Singapore.

Currently, SPPL has another business branch called Singapore Turf Club (STC) which handles the betting for Horse Races. There are 2 separate applications which handles the STC and the SPPL business.

This project started from scratch and primarily focuses on the development and implementation of a Unified Betting Terminal and Retail Terminal Management System which will be a centralized platform with a standardized look and feel for all products from SPPL and STC. There are 2 main applications developed for this, UBT (Unified Betting Terminal) and RTMS (Retail Terminal Management System). UBT is the customer facing application used for placing the bets/lotteries.

Team Size	: 23
Work Location	: Accenture Office, Ecospace Bangalore; Singapore Pools Office, Singapore
Environment	: SQL Server 2016, SSIS 2016, Windows UWP, Asp.NET, SSAS 2016
Role	: Database and ETL Architect
Duration	: February 2018-October 2018

Responsibilities:

- Design and implement the complete SQL data model from scratch to cater to the complex and dynamic requirements needed for the project
- Involve in the requirement study and feasibility checks before the actual code implementation and provide technical guidance to the whole team
- Design and implement the integration ETL SSIS packages which is required for the inter communication between various systems involved in the project

- Design and implement the SSAS Cubes in the tabular model which is required for the Power BI reports to be generated for the business users
 - Design and implement the Migration Strategy which involves creating a brand-new data model and related SSIS packages which will be used to migrate the existing data from the existing applications to the newly created UBT application.
 - Was the key resource responsible for delivering KT sessions on the project requirements to the whole team after having visited the client office in Singapore
 - Provide guidance and managed a sub team of 4 people within the same project which falls under the SQL and SSIS skill set
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4. Hewlett Packard Enterprise (HPE): Oxygen Project

Hewlett Packard Enterprise Company is an American multinational enterprise information technology company based in Palo Alto. It has a huge customer base spread across the globe and the sales, deals and other pipeline related data for these customers are maintained and implemented using SFDC (Salesforce Dotcom).

The sales reporting system was run and maintained in house using a in-house product called Yotta, which was performing as expected when the data was very minimal. With the growth in data volume and also in the complexity of the business model, there was a need to replace the existing reporting platform with a new and robust option, which can scale up not only in terms of data volume but also in terms of data model complexity and the increase in the number of report users as well.

Team Size	: 12
Work Location	: HPE Office, Kalyani Tech Park and Bagmane Tech Park, Bangalore (Client Location)
Environment	: SQL Server 2012, C#, SSIS 2012, SSAS 2012, HIVE data models, Power BI
Role	: Solution Architect
Duration	: April 2017-January 2018

Responsibilities:

- Design and implement the complete end to end flow of data from the source systems till the target system from where the user reports will be created.
 - This involves understanding the complete requirement of the users and the challenges they face with the existing application, designing to solve them with the new approach
 - Also involved in designing and creating a de-normalizing the data model from the source system to make it very easy for the report users to extract the data
 - Building and coding SSIS packages and SQL codes to implement the end-to-end flow of the complete Sales Pipeline data
 - Creation of Power BI dash boards and reports for the management to see and validate the data that we have in the new system
 - Stakeholder management - to manage escalation from various report users and other testing teams related to release and deployments
 - Provide technical expertise and support in the integration space which uses SSIS and Microsoft tools and products to other sub teams in the same project.
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5. Royal Dutch Shell: Integration Centre of Excellence (ICoE)

Royal Dutch Shell, commonly known as Shell, is a multinational oil and gas company headquartered in the Netherlands and incorporated in the United Kingdom. Its IT infrastructure is spread across multiple systems and

applications. In order to support and sustain these, there are various center of excellence established under the IT infrastructure of which ICoE is one of the most important entity

The Integration Centre of Excellence is geared towards both provisioning and developing integration specific expertise and domain knowledge for the purposes of project delivery, continuous improvement and operational support.

The Centre of Excellence is aligned to Shell Group Enterprise standards and promotes of use of standardized middleware platforms and services to meet business needs and facilitate reliable integration towards partnering applications and systems.

Team Size : 14
Work Location : Accenture Solutions Private Limited, Bangalore
Environment : SQL Server 2008/2012, C#, SSIS 2008/2012, SSAS 2016
Role : **Integration Specialist (Subject Matter Expert)**
Duration : April 2015-March 2017

Responsibilities:

- Provide technical expertise and support in the integration space which uses SSIS and Microsoft tools and products, related to integration Consultancy, Enhancements which covers areas in Architecture/New component introduction to the landscape.
- Support and provide integration consultancy to new project managers
- provide guidance to support team (ES SOM) on troubleshooting process and technical challenges
- working with architects on new integration component and provide recommendation on the usage
- Stakeholder management - to manage escalation from various Project Managers and teams related to release and deployments
- Provide technical expertise during testing for issues which cannot be solved by the testing and development teams

6. Aflac: Enterprise Data Warehousing Solution

Aflac is the largest insurance provider of individual insurance in Japan and the leading provider of supplemental insurance in the United States. There were many SSIS packages that needed to be developed to load the broker/agent information from various source systems to EDW and ODS.

Team Size : 4
Work Location : Accenture Solutions Private Limited, Bangalore
Environment : SQL Server 2008/2012, C#, SSIS 2008/2012
Role : **Technical Lead and Lead Developer**
Duration : August 2013-March 2015

Responsibilities:

- Direct Client facing role for requirement gathering, discussions and understanding the project scope
- Designed the database/ETL model to load the different source data available in files and SQL Server tables into staging and then loads into EDW tables for report generations.
- Designed SSIS packages which can handle both Incremental and Full loads based on configured parameters
- Migration of SSIS packages from SSIS 2008 to 2012 for some of the old packages

7. Tesco Operating Model (Tesco)

TESCO Hindustan Service Center (HSC) is the global services arm for Tesco. It is the heart of the Tesco group, providing IT, business and finance services to Tesco operations across Europe, Asia and America. Tesco HSC is Tesco owned and run, and shares the company values and customer focus.

The goal for the project is to build a common solution for the entire stores in the 13 different countries of Tesco. TOM is an integration layer (uses BizTalk Server 2006 R2, SSIS and SQL Server 2008) which communicates to all the systems right from the ORMS (Retail management system) to the Till (check out point in the stores). It pulls the data from ORMS, applies the business logic and convert the data to Store format and delivers to the stores. It delivers the Price, Promotion, Product information to Stores and delivers the sales and stock information to GO (Forecasting System), RMP and RESA for pricing and auditing purpose.

Team Size : 25
Work Location : Tesco HSC, Bangalore, India
Environment : SQL Server 2008, BizTalk Server 2006, C#, SSIS 2008, RTI
Role : **Design Analyst & Developer**
Duration : March 2007-May 2009

Responsibilities:

- Interacting with client and gathering the requirements for interfaces and preparing the estimation time for coding and change request.
- Responsible for the design, development, coding, testing, debugging and documentation of interfaces to meet the challenging requirements of client and also creating the Stored Procedures, functions, views in the databases.
- Involved in writing unit test case document and unit testing.
- Fixed critical Bugs and prepared builds on a weekly basis.

8. Tesco Homeplus-Retail Integration for Korea

The Tesco Operating Model project which was designed and developed for all the 13 countries was also implemented in Korea. But there were various country specific changes and requirements which needed to be implemented to the core TOM approach. The store application called HBO (Homeplus Back Office) was in placed instead of StoreLine which was completely different from each other. For this, there were various interfaces/solutions that needed to be designed, developed and tested. There were totally 200 plus interfaces and multiple databases that were deployed and tested in various test environments before finally deploying in the production environment. Various defects were also captured and fixed during this process.

Team Size : 8
Work Location : Tesco Homeplus, Seoul, South Korea
Environment : SQL Server 2008, BizTalk Server 2006, C#, SSIS 2008, RTI
Role : **Developer, Technical Analyst, Deployment Analyst**
Duration : December 2011-December 2012

Responsibilities:

- Environment build for both the production and test servers at client's location in Korea
- Interacting with client and gathering the requirements for interfaces and preparing the estimation time for coding and change request.
- Responsible for analyzing the Technical specification documents (TSD) and preparing interface specification documents (ISD).
- Responsible for the design, development, coding, testing, debugging and documentation of applications
- Creating the Stored Procedures, functions, views in the databases.

- Involved in writing unit test case document and unit testing.
- Deployment of 200+ SSIS and BizTalk solutions in various environments
- Involved in end to end testing of various retail functionalities
- Identified and Fixed various critical defects and bugs

9. Tesco Lotus - Retail Integration for Thailand

The project aims at delivering Integration technical solution for Stock, Ordering, and Sales movement between the data sources required to support the Thailand deployment of Integration layer and StoreLine V50. There were various country specific changes and requirements on top of TOM which needed to be implemented on top of the central approach.

Team Size	: 4
Work Location	: Tesco Lotus, Bangkok, Thailand
Environment	: SQL Server 2008, C#, SSIS 2008, RTI
Role	: Deployment Analyst
Duration	: March 2011-May 2011

Responsibilities:

- Development, coding, testing, debugging and documentation of applications and also creating the Stored Procedures, functions, views in the databases.
- Involved in writing unit test case document and unit testing.
- Provided technical advises in designing, coding, Trouble shooting, Bug fixing in ssis packages to the team members and assisted them whenever they were in need.
- Implemented performance tunings in SSIS packages
- Deployment of interfaces in production environment

10. Space Range and Display Version2(SRDV2)

SRD (Space Range and Display) is a system which follows certain rules to arrange the products in the TESCO Stores. The art of maximizing the profitability of store space with the right product mix, in the right store and display in the right way for our customers is the main objective for SRD system.

The 'Space' denotes the space available to sell products in a store, including the floor plan of a store, showing where each display unit (mod) is located.

Range signifies the products identified to be sold in a store.

And 'Display' deals with how the products to be sold in a store should be presented to the customer, this is shown on a planogram showing product layout on a mod or group of mods.

The basic goal of this project is as follows.

- to define store products where they should be located in the store and how they should be displayed
- Balanced use of space in new and refitted stores
- Accurate planograms
- Centrally planned change is implemented accurately and on time
- Customers have a better shopping experience
- New products on sale quicker

- Products merchandised to their sales

These objectives are implemented by developing a set of interfaces which transfers different data like floor plans and planogram details, shelf edge label details etc between the systems present in SRD which would in turn help the stores effectively.

Team Size : 10
Work Location : Tesco HSC, Bangalore, India
Environment : SQL Server 2008, SSIS 2008
Role : **Interface Developer and Unit Tester**
Duration : June 2011- November 2011

Responsibilities:

- Interacting with client and gathering the requirements for interfaces and preparing the estimation time for coding and change request.
- Responsible for the design, development, coding, testing, debugging and documentation of interfaces
- Involved in writing unit test case document and unit testing.

11. Transport Management Systems

The Transport Management System (TMS) consists of several systems, and these will be hosted at the Tesco data centre in each country. Integration among all the elementary systems will be provided via RTI Agent moving files from one point to another.

The TMS solution is accessed by users in the DC (Distribution Centre) transport office and the planning centre. The 'Planner' logs on to the Control Panel in TOP (Tesco custom application 'Transport Order Processor') and requests (pushes a button) the extracts from each ORWMS (Oracle Retail Warehouse Management System). This will initiate the creation of request files that will be picked up by an RTI interface. Each file will be sent to the appropriate ORWMS (Oracle Retail Warehouse Management System) instance, and that will result in execution of the stored procedure in each ORWMS system being triggered. Thus, an outbound file will be generated in each system.

The outbound files generated by ORWMS are stored in the OUTBOX folder. A copy of each output file generated will be saved in an Archive folder in ORWMS by the local process that generates the files.

The OM Integration Layer RTI module will pull them every x minutes (where x is a configurable polling interval set at deployment time). Depending on a file name prefix, the integration layer would then push these to the Transport Order Processor (extract files) or the Ortec T&D application.

Team Size : 4
Work Location : Tesco HSC, Bangalore, India
Environment : SQL Server 2008, C#, RTI (Real-Time Integrator)
Role : **Interface Developer and Unit Tester**
Duration : March 2010 - October 2010

Responsibilities:

- Interacting with client and gathering the requirements for interfaces and preparing the estimation time for coding and change request.
- Responsible for the design, development, coding, testing, debugging and documentation of interfaces
- Involved in writing unit test case document and unit testing.

12. SRD-GMIS Integration

Under Tesco Operating Model project there was a requirement to extract data from various systems i.e. SRD (Space Range Display) and RDS (Range Data Store) and send the data to GMIS (Group management information system) for reporting purposes. The main goal of developing set of interfaces for these requirements is to improve the store performance and the space Range and display performance. Also, to verify the impact of Space Range and Display process is accurately followed on time. This project aims at improving the space range and display events on the overall performance of the business (Sales, waste, margin, availability etc).

Team Size	: 8
Work Location	: Tesco HSC, Bangalore, India
Environment	: SQL Server 2008, SSIS 2008
Role	: Module Lead, Designer and Developer
Duration	: March 2009-November 2009

Responsibilities:

- Interacting with client and gathering the requirements for interfaces and preparing the estimation time for coding and change request.
 - Responsible for the design, development, coding, testing, debugging and documentation of interfaces
 - Involved in writing unit test case document and unit testing.
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EDUCATIONAL SUMMARY

- **M.Tech.** in Information Technology (2004-2006) from **Tezpur University**, Assam with 70.6 %
- **B.E.** in Computer Science and Engineering (2000-2004) from **National Institute of Technology (NIT)**, Durgapur, West Bengal with 68.4 %

PERSONAL DETAILS

Name	:	Pukhrambam Dorendrajit Singh
Father's Name	:	Pukhrambam Shyamkishore Singh
Marital Status	:	Married
Date of Birth	:	10 th June 1982
Present Address	:	Flat 109, NEEDS 3 Apartment Parappana Agrahara, Harlur Road, Near Central Jail Road Bangalore 560100, Karnataka, India
Permanent Address	:	Keishamthong Ahanthem Leikai, Imphal-West, Manipur-795001
Hobbies	:	Music, playing Basketball, Table-Tennis