**CURRICULAM VITAE**

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**SUMMARY**

* Azure Consultant/Business Intelligence (BI)/Data Warehouse (DW)/Data Visualisation Lead with extensive data warehousing and business intelligence experience.
* Analytical information management professional with an ability to derive meaningful and user-friendly recommendations from large and complex datasets.
* Career goal is to be a proficient end-to-end business intelligence project management expert.

**PROFILE**

* Over two years of experience in using the Microsoft Azure Services like, Azure Data Lake Storage, Azure Functions, Azure SQL DWH, Azure SQL, Azure ADF V2, Azure Logic Apps, Azure Blob Storage, Azure Functions, Azure DevOps, Azure Batch, Azure Policies, Azure Data Share, Azure V-Net, Azure VPN, Azure Security, Azure Key Vault, Azure Event Hub, API Management, RBAC, Python and Azure Analysis Services.
* Over 10 Years of experience in using Microsoft SQL Server 2005, 2008, 2008R2, 2012 & 2016, Microsoft VSTS, Microsoft BIDS (SSIS, SSRS & SSAS), Power BI (PowerPivot, Power View & Power Map), SSDT and Microsoft Visual Studio 2005, 2008 & 2012.
* Over 3 Years of experience in designing the Big Data solutions using APS (PDW/On premises), Azure SQL Data Warehouse.
* Over 4 Years of experience in designing the Power BI dashboards. Got good experience in writing the DAX queries and building the models in the Power BI.
* Experience in Azure components like Azure Data factory V2, Azure Blob Storage, Azure Data lake, Azure PowerShell, Azure JSON templates, Azure SQL database, Azure Data warehouse, Azure Analysis Services, Azure Dev-Ops & U-SQL.
* Experience in designing ETL Packages using SSIS 2005, 2008, 2008R2 & 2012 in BIDS & SSDT.
* Experience in designing reports and dashboards using SSRS 2005, 2008, 2008R2 & 2012 in BIDS (SSDTs), Power BI, PowerPivot & Power view.
* Experience in developing cubes using SQL Server Analysis Services (Multidimensional and Tabular cubes).
* Experience in deploying packages and SSRS reports in multiple environments.
* Experience in using the Microsoft MDS (Master Data Services) & CDC (Change Data Capture) concept.
* Experience in optimising and performance tuning T-SQL, D-SQL, MDX & DAX queries including Indexing, Locking, Page allocations, SQL Profiler, Execution Plans and finding the performance bottlenecks.
* Experience in developing Kimball DW methodologies by creating dimension and fact tables.
* Experience in using OLEDB, IBM Db2, Flat Files (txt, csv and fixed length format) and Access data connections in ETL Packages.
* Experience in designing relational database models & dimensional data modelling as per business needs.
* Experience in working with agile teams.
* Working knowledge in all the phases of software development lifecycle.

**EDUCATION**

**Master’s in advanced computer science,** University of Leicester (Feb 2008 to June 2009)

Msc with first Class Honours.

**Bachelors in Electronics and Computer Science,** JNTU University in India (Aug 2003 to June 2007)

B.Tech with 75% score.

**ADDITIONAL INFORMATION**

Multilingual: English, Hindi and Telugu.

**TECHNICAL SKILLS**

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| **Application** | Excel 2003, 2007 & 2010, PowerPivot, Power View, Power BI, Visio 2007 & 2010, Visual Studio 2005, 2008 & 2012, SQL Server 2005, 2008, 2008 R2 & 2012 and Silverlight |
| **Tools** | Microsoft Visual Studio, Business Intelligence Development Studio (BIDS)(SSIS, SSRS, SSAS), SSDT, Azure DevOps, Azure DW, Azure SQL server 2016, Master Data Services, Parallel Data Warehouse (APS), Team Foundation Server (TFS) |
| **Language** | C#, SQL, T-SQL, D-SQL, U-SQL, Apache Scala, Apache Spark, Python, MDX, DAX, CL1, AZ & Azure PowerShell |
| **Scripting Language** | ASP.Net, HTML & JavaScript |

**WORK EXPERIENCE**

**Current Client:** Two Circles

**Duration:** April 2019 - Present

**Project Role:** Azure Data Architect

**Tools:** Azure DevOps, Azure SQL Data Warehouse, Azure SQL Server 2017, Azure Blob Storage, Azure Data Lake, Azure Data Factory (v2), Azure Logic Apps, Azure Functions, Azure Data Share, Azure API management, Azure Event Hub, Python, RBAC, Azure Databricks, PowerShell, Draw IO, CL1, AZ & Git-Hub.

**Project Name:** Premier League Analytics

**Responsibilities:**

* Designed the conceptual architecture, Logical architecture and lambda architecture documents as per the requirements.
* Produced the PaaS solution design, environments design, penetration testing and deployment documentation.
* Produced the costing strategy for complete Azure solution for 3 years.
* Developed CI/CD pipeline to deploy azure services using the ARM(JSON) templates.
* Developed CI/CD pipeline to deploy azure functions, azure data factory and SQL DWH.
* Integrated the google analytics API, google bucket, amazon bucket & dot digital API in azure data factory orchestration using azure function.
* Designed the azure data factory pipelines to automate the SQL DWH daily run.
* Designed the azure logic apps & azure data factory pipelines to automate the push and pull data to various API’s.
* Designed and developed the data warehouse using Kimball’s Methodology to support the rich Premier League analytics by integrating the data from various sources like google analytics API, dot digital API and other sources like google bucket, amazon bucket, etc.
* Provided Hands-on technical sessions to the team.

**Current Client:** Arden & GEM CSU

**Duration:** Nov 2018 – March 2019

**Project Role:** Azure Consultant/ Azure Architect

**Tools:** Azure SQL Data Warehouse, Azure SQL Server 2016, Azure Blob Storage, Azure Data Lake, Power BI, Azure Data Factory (v2), PowerShell, Azure Dev-Ops, Git-Hub, Team Foundation Server (TFS) & Azure Functions.

**Project Name:** Migrating On Premise to Cloud

**Responsibilities:**

* Migrate the existing SSIS packages to the Azure Cloud.
* Migrate the SQL databases to the Azure SQL Databases
* Migrate the PDW to Azure SQL Data Warehouse.
* Developed Dev Ops Pipelines to automate the Azure Data Warehouse CI/CD using PowerShell scripts.
* Setup the Dev Ops projects and TFS version control.
* Documented and standardised all the migration process.

**Client:** Hitachi Consulting - Insights & Analytics

**Duration:** July 2018 – Feb 2019

**Project Role:** Azure Consultant/ Azure Architect

**Tools:** Azure DevOps, Azure SQL Data Warehouse, Azure SQL Server 2016, Azure Blob Storage, Azure Data Lake, Power BI, Power Apps, Azure Data Factory (v2), PowerShell, Azure Dev-Ops, Git-Hub, Team Foundation Server (TFS) & Azure Functions.

**Project Name:** EDF

**Responsibilities:**

* Developed and tested the Azure Analysis Tabular Cube.
* Designed the business requirements document.
* Designed the conceptual, Logical and physical data models.
* Designed and developed Power BI dashboards using DAX queries.
* Used Git-Hub within the Azure Dev-Ops to manage the source control by creating the branches.

**Project Name:** Viridor

**Responsibilities**:

* Designed and developed the data warehouse using Kimball’s Methodology.
* Designed and developed the Azure Orchestration using SSIS packages, Azure data factory and automated by using the Azure functions.
* Involved in developing the Dashboards in Power BI.
* Developed Dev Ops Pipelines to automate the Azure Data Warehouse CI/CD using PowerShell scripts.
* Produced the Source to Destination mapping documentation.
* Produced the technical documentation.

**Project Name:** MAB (Mitchells and Butlers)

**Role:** Azure Architect

**Responsibilities**:

* Designed the conceptual architecture and lambda architecture as per the requirements.
* Designed the Azure Policies as per the client requirements.
* Designed and implemented the DW standards and methodologies.
* Developed the Azure Resource Group Template to deploy all azure services using the JSON templates.
* Produced the solution design, environments design and deployment documentation.
* Designed and developed the data warehouse using Kimball’s Methodology.

**Client:** Arden & GEM CSU

**Duration:** October 2016 – June 2018

**Project Role:** Data Warehouse Lead

**Tools:** Azure Data warehouse, Azure Data factory, Azure SQL Server 2016, Parallel Data Warehouse (PDW), PowerShell, Power BI, Master Data Services 2012, SQL Server 2012, SQL Server 2012 (SSDT) (SSIS, SSRS & SSAS), Team Foundation Server (TFS), T-SQL, D-SQL & U-SQL

**Project Name:** Azure Proof of Concept

**Responsibilities**:

* Migrate existing Pseudo engine project from APS to Azure DW
* Migrate existing SUS process from APS to Azure DW
* Migrate existing MDS to Azure MDS

**Project Name:** Norfolk & Waveney SUS Migration (N&W)

**Responsibilities**:

* Responsible to fill the weekly highlight reports on progress to plan during the Project.
* Involved in gathering the requirements from the stakeholders.
* Responsible to meet with project manager to update the project status.
* Designed and developed the SUSPlus Project in Microsoft APS (BigData).
* Developed and automated business rules using D-SQL queries.
* Documented and designed client requirements.

**Project Name:** AQUA

**Responsibilities**:

* We used the agile methodology to delivered entire project.
* Responsible for delivering overall project objectives and specific team deliverables.
* Managed specific project plan activities and contributed to project plan development in collaboration with project manager.
* Responsible to fill the weekly highlight reports on progress to plan and involved in the weekly scrum meetings.
* Involved in gathering the requirements from the Project Owner.
* Designed and developed SUS Feed and Local feed for AQUA DW using SSIS Packages and migrated legacy data into new DW.
* Designed and developed the business rules using Master Data services and automated the entire process from end to end.
* Developed backend database for front end Application & Data quality reporting using SSRS.

**Project Name:** BI Transformation Program

**Responsibilities**:

* Responsible for delivering end to end BI transformation objectives.
* Managed entire project plan activities and developed the project plan.
* Responsible to fill the monthly highlight reports and update the project status to the stakeholders.
* Designed Specification documentation, DB documentation, ETL documentation and testing scripts documentation.
* Designed and developed SLAM Project in Microsoft APS.
* Designed and automated entire BI solution end to end (both SMP and MMP).
* Designed and developed audit DB and developed audit reports in each level of ETL process.
* Designed and developed the Pseudo engine (that encrypts patient NHS Number and data mask the patient information) in APS (PDW).
* Designed and automated the business logic using Master Data Services and implemented self-service BI solution.

**Previous Experience:**

**Project Name:** Planning Model Automation

**Client:** NHS Yorkshire and Humber CSU/ Embed System

**Duration:** December 2015 – September 2016

**Project Role:** Senior BI Developer

**Tools:** SQL Server 2008R2, Microsoft Visual studio 2010 (BIDS), Excel 2010, PowerPivot 2010, Power BI, SSIS 2008, SSRS 2008 R2, SSAS Tabular Model, DAX

**Responsibilities**:

* Designed and developed a contract planning model using SSAS Tabular cubes to help contract managers to drive the financial information for the next financial year for North Yorkshire & Humber CSU.
* Developed and provided the SSRS reports (financial budget reports) to finance department using the Tabular cube (used DAX queries)
* Developed financial dashboards in Power BI.
* Developed and implemented data warehouse to accommodate various projects into one platform (Ex: Sus, Mental Health, Community, SLAM, Performance)
* Developed and implemented prescribing DW.

**Project Name:** Master Data Project

**Client:** NHS Midlands and Lancashire CSU

**Duration:** October 2015 – February 2016

**Project Role:** Senior BI Developer

**Tools:** SQL Server 2012 (SSDT), Parallel Data Warehouse (PDW), Team Foundation Server, Excel 2010 & PowerShell

**Responsibilities**:

* Designed and developed the dimensional modelling data (using Kimball’s DW) to support standard and non- standard NHS data.
* Designed and automated entire SSIS packages end to end (both SMP and MMP (PDW, Big Data)).
* Designed specification documentation, DB documentation, ETL documentation and testing scripts documentation.

**Project Name:** CommissioningPlan & SUS & SLAM ETL Automation

**Client:** NHS Yorkshire and Humber CSU

**Duration:** Feb 2015 – Nov 2015

**Project Role:** Business Analyst

**Tools:** SQL Server 2008R2, Microsoft Visual studio 2010 (BIDS), Excel 2010, PowerPivot 2010, SSIS 2008, SSRS 2008 R2, SSAS Tabular Model, Power BI, DAX

**Responsibilities**:

* Designed and developed a self-service BI tool to help Analysts to do day-to-day activities.
* Developed and provided support in creating contract plan for 4 CCG's across the North Yorkshire CSU for financial year 2015-16 using SSAS Tabular Cubes.
* Developed and provided the financial budget reports to both CCG and finance department to improve the commission support across the North Yorkshire & Humber CSU.
* Developed the DW for KPI Reports and SUS ETL for contract monitoring report.
* Developed and designed reports in SSRS, Power BI & PowerPivot using the SQL and DAX queries

**Project Name:** Aristotle**,** SLAM (Contract), SUS, Data Quality Validations, DMIC-NW

**Client:** NHS Staffordshire and Lancashire CSU

**Duration:** Apr 2013 – Feb 2015

**Project Role:** Senior Business Intelligence Developer & DMIC-NW Lead

**Tools:** SQL Server 2008R2 & 2012, Microsoft Visual studio 2010 (BIDS), SSDT (BIDS), Excel 2010 & 2013, Power BI, SharePoint 2010, Power View 2013, PowerPivot 2013, Master Data Services, Tableau

**Responsibilities**:

* Lead on development of DMIC-NW for North-West Region.
* Developed, implemented & documented the Data warehouse using Kimball’s methodology for financial reconciliation.
* Developed, implemented & migrated Tabular & Multidimensional (SSAS) cubes using PowerPivot and SQL Server Analysis Services 2008 R2 & 2012.
* Actively participated in planning of BI system architecture and robust security system for entire Lancashire reporting system.
* Designed and developed the Pseudo engine (that encrypts patient NHS Number and data mask the patient information) using SQL 2012 server.
* Developed a Dashboard using Tabular Cube and excel 2013 (Power View and PowerPivot).
* Developed a Board Level GP-Dashboard for GP users for all Midlands and Lancashire CSU and Practice based Acute Reporting tool for Locality based user and GP users for entire Midlands and Lancashire CSU using the Multidimensional Cube (used MDX queries).
* Implemented Master Data Services models to centralise dimension maintenance and capture data for SLAM warehouse.

**Client:** NHS Blackpool PCT

**Duration:** Oct 2011 – Mar 2013

**Project Role:** Business Intelligence Developer

**Tools:** Windows Server 2008, SQL Server 2008 R2, Microsoft Visual studio 2010, BIDS 2008 R2, Excel 2010, Visio 2010, Power pivot and Analyzer tool.

**Responsibilities:**

* Lead on development of Analysis Services Solutions for Hospital Activity across Lancashire.
* Providesupport to commissioning managers to improve quality of services provided.
* Developed and implemented scorecard reports via Microsoft Excel & Microsoft PowerPivot which allows both PCT and commissioning based analysts to analyse performance of each acute activity.
* Developed and implemented a contract monitoring report, via MDX using Lancashire Activity cube for hospitals across Lancashire.

**Client:** Zurich Global Life, Isle of Man (Via Wipro)

**Duration:** April 2011 – Sep 2011

**Project Role:** Business Intelligence Developer

**Responsibilities:**

* Key responsibilities included: Identifying and gathering technical requirements; designing SSIS packages; designing the DW; developing the data maintenance applications, Testing and deploying the final system.

**Organisation:** UHNS (University Hospital of North Staffordshire), Stoke-on-Trent **Duration:** July 2010 – March 2011 **Project Role:** Business Intelligence Developer.

**Organisation:** BIZYLOGO, London, **Duration:** Aug 2009 – June 2010**, Project Role:** Software Programmer.

**Organisation:** Corrival Sol, India, **Duration:** Sep 2006 – Dec 2007, **Project Role:** Junior SQL Developer.