

KARTHIK VALLURI

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BI ARCHITECT, TECHNICAL PROGRAM MANAGER & ACCOUNT MANAGER

An accomplished Azure BI Architect with demonstrated success directing engagements that improve business functionality with positive impacts to the bottom line. Strengths include proven customer focus, lead and motivate teams in order to maximize productivity.

Profile in Brief

- Data Enthusiast with an overall experience of **14 +** years primary in the field of **Business Intelligence & Big Data**
- **7 +** years of **Leading BI Data Analytical Teams** and Architecting solutions for BI
- **5+** years of program management experience in **strategy, operations or business consulting**
- **5 +** years of **pre-sales experience**, communicated with customers to identify their buying needs and goals, made **sales proposals** and streamlined the whole sales proposals.
- **5 +** years of **Customer Success Management**
- Conducting **technical seminars** and **workshops** and Leading the **Center of Excellence (COE)** team in Data Analytics
- Lead & develop best practices, standards, and methodologies to assist in the implementation and execution of **Data Governance**
- Proven **technical sales** experience with successful track record of cross-selling and up-selling **SaaS products**.
- Strong experience with **T-SQL, MS-BI Stack, Azure ADF AAS and Synapse, Databricks, Snowflake, AWS, Fivetran and Data Build Tool**.

Experience Highlights

- Currently as **Technical Project Manager** in Nous InfoSystems Private Limited (August 2016 onwards) – **6.8 Years**
- Worked as **Associate Consultant** in Cerner India Healthcare Service Private Limited (Feb 15-Aug 16) – **1.6 Years**
- Worked as **Senior Systems Engineer** at Siemens Technology Services Private Limited (Dec 09-Feb 15) – **5.2 Years**
- Took break in employment during period **Aug'09 – Dec'09**
- Worked as **Software Programmer** for Prosharpe Wealth Management Private Limited (Feb 08-Aug 09) – **1.6 Years**
- Undertook training in VB and C#.net from NIIT and became MCP (Microsoft Certified Professional) – **Aug'2007** onwards

Core Skills at a Glance

- **T-SQL, SSIS, SSRS, SSAS, Dimensional Modelling, Data Vault**
- **ADF, AAS and Synapse Analytics**
- **Power Platform, Qlik & Tableau**
- **DataBricks, Spark 3.0 & Scala**
- **Python, Azure Devops & Visio**
- **AWS, Einstein Analytics**
- **Google Analytics**

Certifications

- **AWS Certified Data Analytics – Specialty**
- **Databricks Certified Associate Developer for Apache Spark 3.0**
- **Power Platform Functional Consultant**
- **Azure Data Engineer**
- **Azure Administrator**
- **Tableau Certified Data Analyst**
- **Power BI Data Analyst Associate**

Education Details

- BE from **V.T.U** (2003-07) with 58%
- PU from **K.L.E**(2001-03) with 72%
- 10th from Presidency School (2001) with 84%

Accomplishments

- Published Whitepaper on “**SSRS to Cognos Migration**”
- Won the prestigious award (**SNAP**) in my current company

Project Details

Project : Analytics for a Financial Client

Technology : MS BI, Spark, Snowflake, PowerBI and Tableau

Role : BI Architect

Duration : March 2017 to till date

Description : This development project involved understanding client requirements, getting right resources for the project and defining solution strategies for based on customer financial and data driven insights.

Responsibility:

- Facilitated Daily Standup, Planning, Review and Retrospective meetings.
- Coach team and organization on good Agile practices and remove any impediments during sprint.
- BI Roadmap design & documentation.
- Advocate for the Customer and Customer Success Team to help drive internal process improvement, accountability, response timeliness and sustainability with responsible departments.
- Performed data modeling using Erwin.
- Enterprise Datawarehouse Design & Implementation
- Power BI and Tableau for Financial Reporting
- Migrating on-premise DB solutions to cloud
- Heads the Interview panel for hiring Analytics leaders in Organization.
- Performed a POC moving data from SAP data warehouse to Snowflake via Qlik Replicate
- Integrating Python Visuals and scripts within PBI Reporting
- Automated Tabular model deployment via Python, Tabular Editor and PowerBI REST API's
- Leveraged external tools like ALM Toolkit & DAX Editor in Architecting and Optimizing PowerBI Data models.
- Leveraged Predictive & Sentimental Analytics in Tableau via Tabpy & Python.
- POC using Azure Databricks and visualization via PowerBI. Used Apache Spark SQL to query, transform, and present data to solve business problems.
- Demonstrated capability of Databricks by building an end-to-end batch and streaming OLAP data pipeline using Delta Lake.
- POC using python to transfer and transform data between 2 AWS S3 buckets and visualize and analyze data using Amazon Quicksight.
- POC leveraging Eisenstein Analytics aka Tableau CRM prediction models in Tableau
- Data Engineering best practices involving Amazon RDS, S3, Glue and Amazon Redshift

Project : Reporting for Iron-Ore Client

Technology : MS BI Stack & QlikView / Qlik sense Developer

Role : BI Architect

Duration : August 2016 to February 2017

Description : In this project we worked with a Mining Company and helped the customer achieve desired targets by suggesting Improvements in the quality of processes/machines

Responsibility:

- Analyzing requirements, creating, 1q and executing test cases.
- Involved in developing stored procedures.
- Created SSRS Reports for transactional reporting.
- Used Qlikview, Qlik sense for Analytics.
- Created Views, Bulk Inserts, Dynamic T-SQL, T-SQL Performance tuning, Execution Plan analysis, Indexes, Foreign Key constraints, Clustered Indexes, etc.

Project : Leading Healthcare Client

Technology : T-SQL, SSAS, SSRS & Tableau

Role : Senior BI developer

Duration : June 2012 to May 2016

Description : This Healthcare client houses fully integrated, all-inclusive medical management platform. A single-source, robust, web-based architecture that includes Electronic Medical Record Management, Patient Orders, Claims Code Editing, Cost Containment, Accountable Care Solutions, Health Risk Identification

Responsibility:

- Creation of Stored Procedures, functions and views.
- Involved in designing, developing and deploying Tableau reports
- Generating various reports with drilldowns, drill-through Tableau reports.
- Create data-driven subscriptions using SSRS.
- Creating Custom SSIS packages and Custom SSAS Cubes.

Project : Popular E-Commerce Client

Technology : MS BI Stack

Role : BI developer

Duration : Feb 2008 to May 2012

Description : This E-commerce client wanted a dashboard for their internal consumption. They wanted to track how their sales metrics in different regions and wanted to make informed decisions based on business insights gathered from dashboards.

Responsibility:

- Created a robust star data model for SSRS reports. Implemented various complex KPI's like YOY %, MOM% etc.
- Documented UAT Process and worked with the Team to take Sign Offs on reports completed.
- Developed transactional reports using Crystal Reports
- Was involved in Weekly Meetings with Managers to update Status of report development.
- Was proactive in updating all concerned stakeholders with respect to completed and pending tasks.
- Data warehouse model design, ETL and Cubes design and development.
- Create dynamic loading of dimensions' data using configuration tables.
- Creation of cube using SSAS, MDX scripting, Data cleaning, data validation and data processing.