

Data Analytics and Visualization Expert

VINOTH KUMAR RAJENDRAN

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CAREER PRECIS

- Expertise in Data Analytics and Visualization with overall experience of 12 years which comprises the roles as Architect, BI Consultant and Technology Specialist;
- Technically strong with demonstrated skills in managing team members throughout the project lifecycle while maintaining coordination with stakeholders and providing them regular updates about the project.
- Expertise in designing the ETL architecture for loading, Staging, Integration and Presentation Layers.
- Expertise in all the components of Data Visualization tool QlikView/QlikSense.
- Have Knowledge in Tableau, Power BI Desktop & Power BI Service.
- Proficient in Alteryx components.
- Wide experience in large implementation of Data Visualization projects adhering to the standards and full life cycle development process.
- Sound knowledge of end-to-end implementation of the SDLC; including client interaction, requirement gathering, finalisation of specifications, design, development, implementation, quality and documentation etc.
- Good Experience in preparing SOW; BRD; Technical & User Manual documents.
- Experience in handling projects for Banking, Insurance, Retail, Auto-Mobile, Manufacturing and Logistics, Retail Sales industries.
- Good Knowledge in Data Extraction, Data Blending and Data Modelling using Multidimensional Schemas.
- Corporate Technical Trainer for QlikView/QlikSense within the Organization and also conducted trainings for clients.
- Provided guidance to Pre Sales team to do quick POCs and demos to clients on premise
- Have wide experience on data extraction from various sources like Oracle, MYSQL, SQL server, SAP, REST APIs etc., for data modelling, transformation and Visualization reporting purposes.
- Developed various DAR's which include Dashboards, Scorecards, KPIs, Reports and Analytics for Top Level Management, Operational Management, Risk Management and Sales Management.
- Possess significant leadership experience resulting in higher performance of the team.
- An effective communicator with excellent relationship building and interpersonal skills, Strong analytical, problem solving & organisational abilities.

EDUCATION

Bachelor of Technology in Information Technology, Anna University.

SOFTWARE SKILLS

Hardware/Platforms	Windows Server (2003,2008,2012,2016)
Analytical & ETL Tools	QlikView, QlikSense, NPrinting, Tableau, Power BI, Alteryx
Databases	SQL Server, Oracle, Teradata, MySQL, IBM DB2
Scripting Languages	HTML, JavaScript

PM & Collaboration

JIRA, Confluence

Version Control

Bitbucket, Tortoise

CERTIFICATION

QlikView11 – Certified Designer and Developer

- #QV2111DEV (Developer);
- #QV2286DES (Designer)

QlikSense System Administrator June 2019

- #QSSA20190127

Alteryx – Certified on Alteryx Designer Core

PROFESSIONAL CAREER

Cognizant Technology Solutions, Coimbatore
since Oct'12

Technology Specialist – Qlik

Responsibilities

- Currently working as, a Technology Specialist for the Centre of Excellence Team of Artificial Intelligence and Analytics.
 - Providing Technical help to the developers deployed in various projects to meet the requirements.
 - Formulating Request for Proposals, Hardware Capacity Planning and Effort Estimation for the new/existing projects.
 - Developing Proof of Concepts and Demos in various domains.
 - Evaluating the new releases and educating the developers about the new functionalities.
 - Responsible for Research & Development to achieve the complex requirement within the given stipulated time.
 - Providing Technical Training and boost up the resources to be capable to work in projects.
 - Coordinating with Qlik for the Issues/Bugs reported and tracking the same to the closure/solution.
 - Handled Retail, Health Care Services, Banking, Manufacturing and Logistics projects from UK, USA and Ireland
 - Involving in Low-Level; High-Level documents design and development of Applications.
 - Interacting with the project stakeholders for requirement gathering & finalization of technical specifications.
 - Responsible for coordinating with Development, Testing and Support team for achieving the project deliverables on time
 - Monitoring the various modules including Project Planning, Implementation and Development, Testing, system integration, debugging, Migration, Documentation and Support.
 - Guaranteeing adherence to quality norms throughout the development & implementation process.
 - Driving the daily status meeting and conveying the project updates to both onsite and offshore teams and setting priorities for future.
 - Submitting the regular project updates to the stakeholders.
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Tata Consultancy Services Limited, Chennai
Oct'10 – Oct'12

Project Lead – Qlikview Testing

Responsibilities

- Masterminded the project – Nokia Retail, Finland.
- Involved in Low-Level; High-Level documents design and Implementation of Qlikview Testing.
- Interacting with Project Managers/Business Analysts/Clients/Development Team for requirement gathering & finalization of technical specifications.
- Responsible for coordinating with Development and Support team for achieving the defect free deliverables on time.
- Ensuring the applications complied with the Best practices during development and is improved in performance to reduce the burden on the server and gives better response to the end users.
- Involving in daily call with client/Development Lead for pending deliverables and assigning the tasks to remaining team members based on priority.
- Sending daily status to both onsite and offshore teams and setting priorities for future.
- Make sure we are following principles, keeping vision and mission in operation.
- Submitting the project status to the concerned project management.

Team Computers Private Limited, Chennai
Dec'07 – Oct'10

Software Developer – BI

Responsibilities

- Handled entire project development and implementation for Parle Food Products, Reliance Money, Vasu Agarbathies, Quantum Business Solutions and Outsourcing, Reva Motors, Alok Retail and Royal Sundaram Motor Insurance.
- Responsibilities included Coordinating with the Client in collecting the business requirements, Building the Data Model, creating, scheduling and distributing the reports.
- Involved in Low-Level; High-Level documents design and development of Applications.
- Runs weekly team meetings and discuss issues at meetings.
- Created the End User Documents and provided End User Training.

KEY PROJECTS EXPERIENCE

Data Management and Applications

Technology

QlikSense September 2019, SQL, Teradata, IBM DB2

Client

Leading Insurance Client, Canada

Duration

December 2019 – Present

Project Description

Working as a Data Architect for Royal & Sun Alliance Insurance, Canada. The purpose of this project is to Design the QlikSense Architecture and providing solutions for the data analytical problems of clients. It comprises the activities like Hardware Planning, Infra Architecture designing, Installation and Configuration of QlikSense Servers, Development of QlikSense Dashboards for various clients inside the organization, migration of the reports from web focus and Microstrategy to QlikSense and rolling out the dashboards to larger audience of different departments of the organization.

Key Responsibilities

- Sizing the hardware and setting up the new QlikSense environments (DEV, UAT, PROD & DR) by undertaking the Installation and configuration of QlikSense
 - Administering the QlikSense environments and writing the complex security rules according to the needs, publishing the dashboards developed by the team and providing access to the users, creating tasks to ensure the daily update of the dashboard with recent data for the users, Implementing Mashups etc.,
 - Auditing the dashboards to ensure the compliance of best practices in data modelling, visualization and performance.
 - Suggesting the Optimization techniques to have the robust data model.
 - Coordination with team members to get the reports developed based on the design and conducting daily sync up meeting for review.
 - Closely working with BA and users for testing the reports and fixing the bugs on agile mode to ensure defect free delivery on time.
 - Driving the status meeting with stakeholders on daily basis.
 - Rolling out the dashboards to larger audience within the stipulated time.
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RADAR Applications

Technology

Qlikview 12, QlikSense November 2018

Client

Leading Banking Client, Ireland

Duration

November 2018 – November 2019

Project Description

Worked as a Data Analytics and BI Visualization Consultant for JP Morgan Chase, Dublin. The purpose of this project is to Install and configure the QlikSense Servers, Development of QlikSense Dashboards for various clients inside the organization, migration of the Qlikview dashboards to QlikSense and rolling out the dashboards to larger audience of different departments, Operational leads/members which helps them to take the decisions earlier than the planned time.

Key Responsibilities

- Setting up the new QlikSense environments (DEV, UAT, PROD & DR) by undertaking the Installation and configuration of recent QlikSense version
- Administering the QlikSense environments and writing the complex security rules according to the needs, publishing the dashboards developed by the team and providing access to the users, creating tasks to ensure the daily update of the dashboard with recent data for the users, Implementing Mashups etc.,
- Requirement gathering from the clients and coordinating with the data team to get the needed data for the dashboards to be developed.
- Applying the best practices during the development phase to ensure the performance of the reports are well managed and being robust.
- Optimized coding to have the robust data model.
- Coordination with team members to get the reports developed based on the design and conducting daily sync up meeting for review.
- Closely working with BA and users for testing the reports and fixing the bugs on agile mode to ensure defect free delivery on time.
- Adherence to quality norms throughout the development and implementation process.
- Providing status to the stakeholders on daily basis.

- Rolling out the dashboards to larger audience within the stipulated time.
- Supporting the Qlikview Dashboards developed by Operations team and implement any new enhancement to the same.
- Migrating the dashboards from Qlikview to QlikSense.

Cognizant Application Services (CAS)

Technology

Qlikview 12, QlikSense April 2018, NPrinting 16

Client

Cognizant Internal

Duration

February 2017 – October 2018

Project Description

The purpose of this project is to have the 360-degree view of Account, Margin, Revenue, and Business Unit Scorecard reports for the end user on place. Ideal moto is to develop dashboards in QlikView to have the guided Analytics for the vertical leads and in QlikSense to enable self-service for the Operational leads/members. Utilizing and analysing the data in the report, users can take the decision much faster than earlier.

Key Responsibilities

- Consolidation of requirements from clients and finalization of technical specifications.
- Designed and developed the Optimized data model and coordination with team members to get the reports developed based on the design and conducting daily sync up meeting.
- Adherence to quality norms throughout the development and implementation process.
- Coordination with team members to get the reports developed based on the design and conducting daily sync up meeting for review.
- Coordination with Quality team to ensure defect free delivery.
- Conducting the daily scrum call and communicate the project status to the stakeholders.
- Managed the stakeholders meeting and providing the project updates periodically.
- Creation of Technical and User Guide documents for the solution.
- Installing, Configuring and Managing the Qlikview/QlikSense Environments (Dev/SIT/Prod)
- Deploying the applications in the UAT environment for the users to test the data and functionality of the dashboards and getting signoff.
- Rolling out the dashboards to larger audience on the given time.
- Enhancing the environments and adhering to the latest releases/standards
- Implemented SAML authentication with QlikSense

Harmony BI

Technology

QlikView 12, Oracle

Client

Leading Pharmaceuticals Company, UK

Duration

Aug 2016 – Dec 2016

Project Description

The purpose of this project is to develop the reports on top of the Harmony BI system to analyse the data of their Artwork system and the Packaging processes. Reports comprise of the KPIs like Right First Time approval of the documents, Artwork, Rework of the documents and its approval stages. Users want to analyse the reports on their Packaging Weight, Material Waste, Dimensions and the Quantities of the product they are rolling out to Market.

Key Responsibilities

- Consolidation of requirements from BA and finalization of technical specifications.
- Optimized coding and review.
- Coordination with Offshore team to get the reports developed based on the design
- Conducting daily scrum call with the entire team to get the updates and plan of completing the upcoming activities and communicating the project status to the concerned project management.
- Design & deliver effective visualizations and review.
- Coordination with Development, Quality and Support team for achieving the project deliverables on time.
- Adherence to quality norms throughout the development and implementation process.

Qlik Platform Support

Technology

QlikView 11.2, QlikSense 3.0 QlikView PDF, NPrinting

Client

Leading Pharmaceuticals Company, USA

Duration

Feb 2014 – July 2016

Project Description

The purpose of this project is to maintain the entire Qlikview/QlikSense environments and support the users in deploying their applications in various environments (Dev, QA and Prod) by following the standards and best practices and also to support the developers/users technically in their development. Evaluating the new releases of the tools and educate the team about the new functionalities.

Key Responsibilities

- Administration of Environments, Application Maintenance and Support.
- Maintaining the offshore team to ensure the Qlikview/QlikSense environments of all the regions inclusive of USA, EMEA and JAPAC are up and running all the time to deliver the reports to the end users.
- Implemented the Governance Model to monitor the environments and providing/removing access to the users.
- Development of some Ad-hoc applications for the Stakeholders.
- Optimizing the dashboards to increase the performance and to reduce the hardware resource utilization.
- Deploying applications and providing end user training.

Customer Profitability

Technology

QlikView 11.2, MS Office

Client

Leading Hospitality Provider, UK

Duration

Nov 2012 – Feb 2014

Project Description

The purpose of this project is to provide the insights on the data of profitability to the company by the customers across various premises.

This also provides the predictive analysis which helps the stakeholders to take quick decision on how to improve their services to the customers to widen the business.

Key Responsibilities

- System study, Architecture design.
- Requirements gathering and finalization of technical specifications.
- Creation of Software Specification Requirements document (SSRD).
- ETL and Data Model Architecture.
- Optimized coding and review.
- Design & deliver effective visualizations and review.
- Coordination with Development, Quality and Support team for achieving the project deliverables on time.
- Adherence to quality norms throughout the development and implementation process.
- Customer communication and submitting the project status to the concerned project management.
- Creation of Technical and User Guide documents for the solution.

Qlikview 11 Migration**Technology**

QlikView 9, 11

Client

Leading Mobile Manufacturer, Finland

Duration

Mar 2012 – Aug 2012

Project Description

The motive of this project is to migrate the QlikView applications directly from v9 to v11 without disturbing daily activity of the end users. There were around 240 applications which include the KPI Dashboards used by the top management of various teams like Finance, Sales, Supply Chain etc.,

Key Responsibilities

- Involved in project planning activities, coordinating with platform support for setting up the testing environment.
- Conducting daily status meeting to understand the hurdles and provide solution to the team members to overcome the same.
- Suggesting alternate solutions/workaround for the issues identified while migrating the applications without affecting the Qlikview 9 functionalities.
- Coordinating with Qlik Support on behalf of Nokia to raise the identified issues as a case and tracking the status of the same.
- Involved in cross validation of tested applications before delivering the same to users.
- Responsible for on time delivery of applications without any schedule.

- Prepared and shared the Migration Summary Report along with the Project Closure document with the stakeholders having the identified issues, workarounds etc.,

QlikView – Testing Services

Technology

QlikView 9

Client

Leading mobile Manufacturer, Finland

Duration

Nov 2010 – Mar 2012

Project Description

The purpose of this project is to test the Qlikview dashboards developed by various vendors before moving into the UAT environment to ensure the defect free delivery and in improved performance to reduce the time of the users on testing the applications before going live.

Key Responsibilities

- Responsible to make sure the application is defect free by assigning the functional tester to test the application in UI & Data Level.
- Provided more optimized solutions for developers to improve the performance of the application using the results of performance testing (QV Optimizer).
- Educating the developers to follow the Best Practices while developing the applications.
- Sharing the outcome of all the above in a form of a Checklist to the Support team and the client to ensure that the application is in good condition to move to production environment.
- Taken initiative and successfully completed the QV 10 Migration pilot project and came up with the defects in QV 10 and shared the bugs with Qlik.

Date: 20-Jul-20

Place: Dublin

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