**Venkatesh Gangala Email:** venkateshgangala@outlook.com

**SAP BI & Analytics Mobile:** +91 8452898621

 **Professional Summary**

Venkatesh has **7.7** years of experience with Sulzer as Inhouse SAP BI & Analytics.

* I have worked extensively on SAP-BW/BI, ABAP & Tools like QlikView/Qlik Sense-BEx in Implementation, support and Enhancement Projects. Having good technical skills and domain knowledge on Manufacturing.
* Multiple experience in packaged software life-cycle environment like analysis, design specification, development, performance tuning, testing, documentation, maintenance and trouble-shooting.
* Interacted with management and Business users to identify business requirements.
* Responsible for delivering complex business requirements in the areas of Sales, Delivery, Billing, Purchase and Finance.
* Active participation in all phases of a project: This includes Requirement gathering, Modeling, Designing and Development, Dimensional Modeling, Denormalization, Performance Tuning, Partitions, OHD, Transportation of objects, Reporting and Extraction of data from source system such as SAP R/3, SQL and FLAT FILE.
* Worked on LSA Architecture and enhanced the existing data flows.
* Extensively worked, Trained and certified on QlikView/Qlik Sense plat form and developed, designed various projects from various systems such as OLTP, OLAP, SQL, I Scala and Flat File.
* Extensively worked on QlikView Administration.
* Extensively worked on setting up the procedures for LO Cockpit, SD, MM (Purchasing, Inventory), PP, COPA Extractions, Enhancing the Business Content Data Sources and generic data source. Experience with initial and delta loads from R/3 Systems.
* Extensively worked on CO-PA developments and FI-AR, GL.
* Involved in user testing, Development documentation.
* Redesigned some of the critical cubes to improvise the report performance and was able to successfully to reduce the report run times by 60%.
* Extensively worked on fine-tuning the system to optimum performance and streamlined the daily load failures.
* Extensively worked on Optimization project and involved in data reconciliation.
* Extensively worked with Business Users for Implementing the Projects on Various Business Modules on SD, MM, COPA, FI etc. with process documentation and has given Knowledge Transfers to all the users and good Team Player with good communication skills, proactive, and enjoy learning new software’s and tools.
* Expertise in Designing (DSO, Info cubes, Logical providers) Based on user requirements.
* Experience in performance tuning like Aggregates, Compression, Partitioning
* Good experience in technical upgrade project (BW 3.5 to BI 7.0).
* Having Good experience on pre and post procedures for service pack up gradations.
* Extensively worked on Server migration area (which includes estimations and pre and post procedures)
* Extensively worked on performance tuning of BEx Queries and the loads which are taking long time.
* Sound knowledge on Bex elements like Formula variables, variables, restricted key figures, calculated key figures, filters and conditions.
* Proven ability to adapt quickly to work in teams and can-do ability to take charge when necessary and drive the work to completion.

**Education**

B. Tech Computer Science & Engineering. From JNTU Anantapur University.

**Technical Skills**

|  |  |
| --- | --- |
| **Operating Systems** | **Windows 10,8,7 -XP** |
| **Languages** | SAP ABAP |
| **Databases** | SQL |
| **GUI** |  SAP GUI 7.40 |
| **Tools & Utilities** |  SAP BEx, QlikView, QlikSense &Ticket XP, IT Service Desk |
| **Domain Knowledge** | Manufacturing |

**Trainings & Certification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SI#** | **Title** | **Location** | **Organized by** | **Duraion** |
| **1** | **ITIL** | **NaviMumbai** |  **in Sulzer** | **2 weeks** |
| **2** | **DevOps** | **NaviMumbai** |  **in Sulzer** | **2 weeks** |
| **3** | **QlikView/QlikSense****Package** | **Mumbai** |  | **1 Month** |

**Project Profile:**

|  |  |
| --- | --- |
| **SI. #1** |  **Project Name: Booking Billing Backlog**  |
| **Role**  | **Developer & Designer** |
| **Organization**  | **Sulzer Global** |
| **Environment****(with skill versions)**  | **Tools: BEx Query designer /Analyzer** **& QlikView** |

**Project Description**

BBB - **BillingBookingBacklog** application provides insight on Order intake, Open backlog and billing information Includes Key performance like Gross profit, comparison to previous Quarter value also includes Top 10 customers, Top 10 by Market, region, Sales represents etc.

This project involves the development/implementation of BI/BW flows from extractors to till reports. The reports created as part of this development helps Sulzer higher management to take crucial business decisions.

**Roles and Responsibilities**

* Working as offshore team member with onshore Team lead for SAP BW/BI with team size of 2 people and main objective is to deliver the quality of work from offshore and build report for globally and for all entities.
* Worked on sales and billing, backlog splitting activities.
* Redesigned the entire existing data flow for sales distribution and got chance to redesign major report in Bex and replicated entire data model and designed application in QlikView.
* Deletion of Setup Data and Re-filling the Setup Data after activating the Data sources and checking the same in Extractor Checker.
* Worked on LO cockpit Extraction on SD: Sales Document Item Data - 2LIS\_11\_VAITM, Sales Document Item Status - 2LIS\_11\_VASTI, Sales Document Order Delivery - 2LIS\_11\_V\_SSL

Billing Document Item Data - 2LIS\_13\_VDITM

MM Inventory management & Purchasing: 2LIS\_02\_ITM, 2LIS\_02\_ACC,

2lis\_03\_BX and 2lis\_03\_BF.

* Created LSA Architecture and enhanced the existing data flows.
* Created Generic DataSources Based on Table/Views and Function Modules as per the client Requirements.
* Appended new fields in Standard Data sources and written code for the same in CMOD.
* Extract the data from different Business content data sources and generic data sources to BI system.
* Involved in data loading (full/initial/delta-uploads/Master, Transaction data) for scheduling, monitoring process chains.
* Carried out Data Validation between the source system data and target data and analyzed whether the values are populated correctly.
* Transported objects from Development to Quality using Transport Organizer.
* Designed process chains as per the needs of the client requirement.
* Monitoring of Process chains and resolving the data load issues on daily base.
* Monitoring Transaction RFC queues SM58 and Monitoring data loads RSMO and killing the background process which are long running job process in SM37 and Clearing locks SM12 and SM50 process overviews.

|  |  |
| --- | --- |
| **SI. #2** | **Project Name: CSS KPI Engineering** |
| **Role**  | **Developer & Designer** |
| **Organization**  | **Sulzer Global** |
| **Environment****(with skill versions)**  | **Tools: BEx Query designer /Analyzer** **& QlikView** |

**Project Description**

CSS KPI is an Operational KPI and which has number of lost working days.

No of lost working days during a month due to occupational accident

# of Occupational Accidents causing absences.

Includes all accidents causing absences longer than 1 day.

CSS KPI has financial KPI’s, According to Sulzer definition i.e. KPI 10, KPI 11, KPI 12.

This project for Sulzer Global entities for monitoring their business Ontime delivery and cycle time Analysis of Sales Order and Quotation.

**Roles and Responsibilities**

* Gathering the requirement from Business user and look for the developments and from which needs to be delivered from SAP ECC to BI and Bex, QlikView.
* Working as offshore team member for Sulzer Global entities and created report in Bex and QlikView as per the requirement.
* Created a generic data source on View and Function Module. Created LSA Architecture in BW
* Enhanced Booking and Billing information to data model.
* Worked on creation of Queries and Work Books in Bex Tool.
* Created and Modified reports using Business Explorer with variables, CKF, RKF and formulas.
* Worked on developing for data model and designing the application in QlikView/Qlik Sense Environment.
* Monitoring of Process chains and resolving the data load issues on daily base.
* Designed process chains as per the needs of the client requirement.
* Reconciliation reports with business users when and where needs and Involved in user testing, Development with documentation.

|  |  |
| --- | --- |
| **SI. #3** | **Project Name: Equipment Data Quality KPI**  |
| **Role**  | **Developer & Designer** |
| **Organization**  |  **Sulzer Germany** |
| **Environment****(with skill versions)**  | **Tools: BEx Query designer /Analyzer** **& QlikView** |

**Project Description**

Equipment Data Quality dashboard is analysis tool for equipment data quality check for SAP SPGT(Engineering-Pumps). Design and development Equipment Master KPI application for Middle Management to review and Missing Key data.

This project involves the development/implementation of BI/BW flows from extractors to till reports. The reports created for Head of Sulzer RES & PS higher management to quick check missing key data and the PE-New Business Teams as well as the RES-After Sales Teams to execute the handover process as per regulation PM-PU-6.029 in a more efficient way. This will help getting the SAP SPGT data input under control and therefore keeping the installed base master data in good shape the way forward.

**Roles and Responsibilities**

* Working as offshore team member with Sulzer Germany client and created report in Bex and QlikView as per the requirement.
* Extensively worked on Standard data sources on Equipment and created generic Data source for classification and Function modules as per the client Requirements.
* Worked on enhancements for new fields to generic Data sources and written code for the same in CMOD and Created LSA Architecture and enhanced the existing data flows.
* Created Equipment data quality report in Bex and for visualizing and for representing more the data and dash board, Used QlikView Tool and developed, designed the application with more visualized as Sulzer Global Management RES & PS Team.
* Reconciliation reports with business users when and where needs and Involved in user testing, Development with documentation.
* Troubleshooting data refreshes SAP to EDQD: Investigation and problem resolving considering the data flow from ECC to BW and QlikView.
* Enhancing filtering capabilities: In addition to filtering by fields from the equipment master, filtering via several fields from the new business sales order was implemented
* Enhancing report: Additional fields were added to the report.
* Designed process chains as per the needs of the client requirement.
* Got appreciation mails from Sulzer Germany -Business stake holders for well developing and designing the report.
* Monitoring of Process chains and resolving the data load issues on daily base.
* Monitoring Transaction RFC queues SM58 and Monitoring data loads RSMO and killing the background process which are long running job process in SM37 and Clearing locks SM12 and SM50 process overviews.

|  |  |
| --- | --- |
| **SI. #4** | **Project Name: SAP Engineering Profitability Analysis**  |
| **Role**  | **Developer & Designer** |
| **Organization**  | **Sulzer US(Houston)** |
| **Environment****(with skill versions)**  | **Tools: BEx Query designer /Analyzer** **& QlikView** |

**Project Description**

This project is analyzing profitability by Market segment with various KPI’s, Revenue, cost breaks and Gross Profit based on Profitability Analysis and reporting warranty claims.

This report using for month end and for reconciling various cost breaks and had multiple dimensions like Market segments, Sales Employees, Material Group, Quarterly comparison etc. of Sulzer standards.

This project involves the development/implementation of BI/BW flows from extractors to till reports. The reports created for Head of Sulzer Sales, Finance and warranty stake holders.

**Roles and Responsibilities**

As a Developer & Designer

* Working as offshore team member for Sulzer Global entities and created report in Bex and QlikView as per the requirement.
* Worked on Notification standard data sources and created generic data source for COPA and function modules, enhancements for new fields to generic Data sources and written code for the same in CMOD.
* Created LSA architecture for data flow in BW.
* Worked on PCA, COPA, FI-GL, AR in finance Area
* Designed process chains as per the needs of the client requirement.
* Reconciliation reports with business users when and where needs and Involved in user testing, Development with documentation.
* Worked on House Keeping activities which helps for improving the System performance
* Involved on all the priority works to reach the delivery dates.
* Updated myself time to time on Sulzer domain and all kind of process.
* Monitoring of Process chains and resolving the data load issues on daily base.
* Monitoring Transaction RFC queues SM58 and Monitoring data loads RSMO and killing the background process which are long running job process in SM37 and Clearing locks SM12 and SM50 process overviews.

|  |  |
| --- | --- |
| **SI. #5** | **Project Name: New Deliveries and New Spare Parts Sold** |
| **Role**  | **Developer & Designer** |
| **Organization**  | **Sulzer Global** |
| **Environment****(with skill versions)**  | **Tools: BEx Query designer /Analyzer** **& QlikView** |

**Project Description**

This Project aims it presetting the information regarding spare parts sold with the New Business Order or spare Parts sold along with the new pump and sales orders booked with delivered as of date.

This project build for Sulzer Market Analysis and Pump Equipment Team for monitoring their business for daily base with every month end close

**Roles and Responsibilities**

As a Developer & Designer

* Gathering the requirement from Business user and look for the developments and from which needs to be delivered from SAP ECC to BI and Bex, QlikView.
* Working as offshore team member for Sulzer Global entities and created report in Bex and QlikView as per the requirement.
* Worked on LO extraction SD 2LIS\_11\_VAKON and 2LIS\_11\_VAITM. Deletion of Setup Data and Re-filling the Setup Data after activating the Data sources.
* Extensively worked on reloading of CUBES, ODS and Master data loading.
* Worked on enhancements for new fields to generic Data sources and written code for the same in

CMOD and Created LSA Architecture and enhanced the existing data flows.

* Worked on creation of Queries and Work Books in Bex Tool.
* Created and Modified reports using Business Explorer with variables, Formula variables, Exceptions, conditions, CKF, RKF and formulas.
* Worked on developing for data model and designing the application in QlikView/Qlik Sense Environment.
* Actively participated in rectifying data load failure Errors like Master data loads and Transactional data

loads. Reload the data requests from PSA in case of data load failure.

* Worked on House Keeping activities which helps for improving the System performance.
* Monitoring of Process chains and resolving the data load issues on daily base.
* Monitoring Transaction RFC queues SM58 and Monitoring data loads RSMO and killing the background process which are long running job process in SM37 and Clearing locks SM12 and SM50 process overviews.