**Indirapriyadarsini Nelluri**

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**Career Summary:**

* Over 10 .6+ years of professional IT experience in Business Intelligence tools using QlikView and Qlik Sense (**Qlik Sense, QlikView Desktop, Server, and Publisher**, **N Printing)** also having working experience in programming languages like java, Python, and Networking UI related technologies.
* Expertise in creating the **Qlik Sense dashboards**.
* Expert in **Qlik Sense Development and administration**.
* Expertise in **Advanced Set Analysis**
* Expertise in **implementing Section Access**.
* Implemented all levels of security at row level, field level, and sheet level.
* Expertise in **Data Modelling**.
* Expertise in **Incremental Load**.
* Extensive experience in the **Multi-Tier Architecture** with QVD layer, Data mart and Presentation layer.
* Extensively worked on QlikView designer to create **Dashboards**, by using different types of Charts, **Pivot** **tables**, **bar charts** & **Line charts**.
* Strong Knowledge in dimensional **Star Schema** and **Snowflakes Schema.**
* Strong QlikView scripting skills to model and create star schemas, implemented incremental load for optimized loads. Strong experience in creating **Qlik sense reports**.
* Experience with QlikView sheet objects including multiple chart types, Trends, KPI’s, custom requests for **Excel Export, Fast Change,** and other objects for **Management Dashboard reporting.**
* Experienced in QlikView Administration creating scheduled jobs for **QVD**s, report reloads & loops and reduce using QlikView Publisher. Experienced in **data visualization, dashboard builds, reporting** and **UI design**.
* Performance Tuning: Experience in query optimization, index tuning, and database performance monitoring and ETL processes using SSIS for data extraction, transformation and loading
* Experience in optimizing existing QlikView reports with a focus on usability, performance, flexibility, testability, and standardization. Built **UI Dashboards** with best visualizations using Java script.
* Strong knowledge of Dimensional Modelling technique and expert in handling the data modelling issues by using Link Table, Concatenation, Join and Automap.
* Used AWS Glue for data integration and transformations on fully managed ETL service.
* Qlik Sense and QlikView can connect to **Amazon S3** to load data directly for analysis.
* Store large volumes of structured and unstructured data in **Amazon S3** buckets.
* **AWS Glue** to automate the ETL processes, clean, enrich, and transform data before loading it into Qlik for analysis.
* Query data in Amazon S3 using standard SQL without needing to set up or manage servers.
* Qlik Configuration & Management: Daily Qlik data connections setup, data table preparation, scripting, data modeling, application/dashboard design, and visualization development.
* Customization, test functionality, and application migration from dev to production. Automate data refresh tasks and integrate with Qlik NPrinting.
* Designed reports in various formats, deployed applications on various QMC’s.
* Extensive experience in creating pixel perfect reports, Excel reports, Word reports, PowerPoint reports using **N-printing designer** and automating the jobs in **N-printing** server.
* Used **QLIK Replicate** to move data securely and efficiently with minimal operational impact.
* Developed and scheduled reports using N printing tool.
* Realtime working experience in looker and connected google sheets to pull the data into qlik sense.
* Experience in advanced loading concepts like Incremental Reload, Partial Reload and Binary Reload.
* Involved in Tasks like Joins, Aggregation Tables using QlikView and Qlik Sense, retrieving of external data to QlikView Dashboard in terms of QVD's by making connection through ODBC and OLEDB.
* Connected Qlik to amazon Athena using ODBC or JDBC connectors.
* Wrote SQL queries in Qlik Sense to access and analyse data directly from Amazon S3 via Athena
* Experience in OLTP/OLAP, Analysis and Data modelling, developing Database schemas like Star schema and Snowflake schema with Fact and dimensional tables, and slowly changing dimensions.
* Deployed dashboards from dev QMC to UAT QMC and created reload tasks on QMC.
* Experience in **Error handling** and debugging of QlikView reports. Expert in handling production issues like report failures, missing counts in reports, resolving synthetic keys, Loops.
* Experience with **Relational databases** and **ETL tools** and techniques.
* Expert in **Qlik Sense Mash ups and Extensions such as Capability API.**
* Expert in Unit, System and User Acceptance Testing and Performed Data Validation for all the reports and dashboards generated from various database sources.
* Analysed and visualize data related to clinical data using Qlik which includes patient recruitment process and its progress.
* Excellent in **Hadoop** (CDH3/CDH4 & Horton Works) architecture, **MapReduce** programming using Hive, Java and Pig.
* Hands on experience installing Hadoop cluster components (**HDFS**, HBase, Hive, Sqoop, Pig, Flume) using Apache Code base.
* Extensive experience in creating **UDF**’s and making use of them in Hive.
* Performed **Scrum Master** role managing cross-functional teams, bringing transparency, and facilitating events - Sprint Planning, Estimation Workshops, Daily Stand-ups, Sprint Review, Fun Retrospectives in version One.
* Very good experience in complete project life cycle (design, development, testing and implementation) of Client Server and **Web** applications.
* Experience in working with web development technologies such as **HTML5**, CSS and **JavaScript**.
* Extensive experience working in Oracle, SQL Server, and My SQL database.
* Experience in Java, Python, JSP, Servlets, Spring, JDBC, **Java Script**, jQuery, **XML, CSS** and **HTML**.
* Experience with RESTful API development and integration.
* Worked on telecommunication projects Cisco ANA, SOW Telstra and juniper.
* Used traffic analyser ixia for simulate the traffic in the application.
* Generated the weekly, monthly, and quarterly reports by using SSRS and SSIS.
* Experience in working with various operating systems like UNIX, LINUX, SOLARIS, and Windows 2003 Server/Windows 7/windows10.
* Excellent analytical and logical programming skills with a good understanding at the conceptual level and possess excellent presentation skills with a strong desire to achieve specified goals.

**Technical Skills:**

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| --- | --- |
| Reporting Tools | Qlik Sense 14.5.0, QlikView 11.2, QlikView server and Publisher, Qlik Sense 11.8, Qlik N-printing designer , GCP Looker studio. |
| Data Modeling | Star, Snowflake, Facts, dimensions, OLTP/OLAP |
| Programming Languages | Core Java, Python |
| Hadoop Ecosystems | HBase, Hive, Sqoop, Pig |
| Web Services | SOAP, REST |
| UI Technologies | HTML5, CSS, Java Script, XML, XHTML. |
| IDE Programming Tools | Eclipse 4.x, IntelliJ IDEA |
| Other Tools | Ant, Maven, Gradle Build, Microsoft Office, SQL Query Manager |
| Design tools | Rational Software Architect, Source Tree |
| Logging | Log4j 1.2  |
| Unit Test | JUnit |
| App Servers/Middleware | Apache Tomcat 6, Qlik View Server |
| Databases | Oracle 11G,10G, MySQL, T-SQL, SQL server, PostgreSQL, MS Access 2003. |
| Version Control | SVN, Clear Case, GIT |
| Operating Systems | Windows, UNIX, Linux, Mac OS |

**Certifications:**

* SCJP 1.6 - Sun certified Java Programmer 1.6

**Accomplishments:**

* Received “**Productivity and Quality Award**” for my approach of work in Development and software version support for devices, Bug Fixing and Automation.
* Found Showstopper Defects and got **Appreciation** from the customer and Project Manager.

**Education:**

* **M**aster of **C**omputer **A**pplications **(MCA)** from Andhra University, Visakhapatnam, India, 2009.

**Talented IT**,**Chicago Feb 2024 – May 2024**

**Role: Qlik Sense Developer**

**Project: Health Intelligence project**

**Description:**

It provisions patient protection and support for all other clinical medical programs.

**Responsibilities:**

* Provided support on functional and non-functional client requirements to optimize the design of BI deliverables (reports, dashboards, alerts, visualizations).
* Developed and maintained Qlik scripting, extension objects, and applications/visualizations.
* Created daily, weekly, monthly, and quarterly reports for the management team based on the Customer requirements in QlikView.
* Developed **SET ANALYSIS** to provide custom functionality in QlikView Applications.
* Worked on expression building, data modeling, integration of custom extension objects and a strong understanding of BI concepts and reporting.
* Created dashboard style of layouts using different sheet objects like List boxes, Multi boxes, slider, current selections box, buttons, charts, text objects, bookmarks, etc.
* Performed data modeling on requirements analysis by creating table displays, logical data model, star schema models and table designs.
* Installed various **Qlik sense** extensions to provide out of the box features to users.
* Created Bookmarks to pre-select the filters.
* Collaborated with Qlik Consultants to implement customized front-end interface design and create complex expressions for dynamic aggregation and new reporting data elements.
* Worked on Qlik scripting for performing incremental loads and Qlik document versioning, actions, and triggers.
* Created scheduled jobs, applications and reloading of data through **Qlik sense management console** (QMC).

**MD-Think, Baltimore**, **Maryland June2022 – Feb 2024**

**Role: Qlik Sense Developer**

**Project: Eligibility & Enrollment Reporting System**

**Description:**

E&E- eligibility and enrollment is mainly concentrated on Human services department related application processing and provides state-wide benefits to the clients who ever enrol the program based on their eligibility criteria. It provisions patient protection and support for all other Medicaid programs as well as other DHS programs such as Public Assistance Programs (FSP/SNAP), MA and TCA.

**Responsibilities:**

* Involved in gathering user requirements, prepared **BRD’**s for the requirements and get the approval from the respective stakeholders, analysing the internal business units.
* Prepared **technical specifications based on the** BRD (business requirement document) and created mock-up sheets for the reports.
* Created reports in stage environment and deployed in production.
* Validation, Stabilization, and correctness of the reports.
* Building data model in Star Schema by integrating various QVD’s and flat files.
* Giving access to users from the **QMC**.
* Extensive experience in designing and development of various dashboards, reports utilizing various **Qlik Sense Visualizations** like Bar Graphs, Scatter Plots, Pie-Charts, Geographic.
* Dashboard development and maintenance of different applications.
* QVD loading, data model and UI designing.
* Experience in publishing Dashboards and presenting dashboards on web and desktop platforms to Qlik Server.
* Extensively involved in creating users, user groups, roles, scheduled instances for reports in **QS**.
* Worked on the defect fixing which was raised on reports in production on **JIRA** and enhancements of the reports.
* Month End Reports validation and getting approval from the stakeholders.
* Responsible for deployment and publishing of Reports/applications
* Implement and maintain security.
* **AWS Glue** to automate the ETL processes, clean, enrich, and transform data before loading it into Qlik for analysis.
* Administration using QMC.
* Migration/promotion/deployment/publishing of Reports/applications
* Performed the Performance Tuning of Dashboards/Reports and made required changes.
* Created customized reports using data from Qlik sense applications with Qlik-Nprinting designer.
* Created template-based reports and multi object reports using Qlik Nprinting.
* Distributed to stakeholders in various formats such as PDF, Excel, Word and PowerPoint presentation.
* Report Creation, Integration with QlikView and Qlik Sense, Data Fetching and Filtering, Scheduling and Distribution, Dynamic Content, Pixel-Perfect Design, Advanced Formatting and Styling, Chart and Visualization Customization, Security and Permissions using Qlik NPrinting designer.
* Expert in agile and Scrum methodologies known ability to produce high-quality deliverables.
* Performed **Scrum Master** role managing cross-functional teams, bringing transparency, and facilitating events - Sprint Planning, Estimation Workshops, Daily Stand-ups, Sprint Review, Fun Retrospectives in version One.
* Coordinate with the scrum team during each Sprint towards a shippable product release by working closely with the Product Owner to make sure each user story in the Sprint Backlog was worked on.
* Track the hours for the team on daily basis and used to send demo invitation to the users and sprint summary report on daily basis.
* Prepared sprint demo slides as part of the sprint end demo and go over the sprint demo slides.

**Environment:**  Qlik sense 14.5.0, PostgreSQL, Qlik Nprinting designer, DB Viewer, Zscaler, self-service, Version One(digital.AI),Qlik server, Windows Server 2012, Remote Desktop.

**Polymorph Associates INC,**

**Client-JP Morgan Chase - Remote Oct 2021 – June 2022**

**Qlik sense Developer/Admin**

**Responsibilities:**

* Migrating the GIAM data service applications from QlikView to Qlik Sense.
* As part of the migration, generated QVD’s for the extractor layer and then created data model for the transformer layers of the application, based on data model created frontend application layer like creating charts and trends, List Boxes, Multi Boxes, Pie charts, Line charts, Funnel charts, Scatter charts, KPI, Bar charts, Combo charts, Straight tables, Pivot tables, Buttons, Containers, and extension.
* Created Data profiling for each of the Qlik sense applications after the migration process.
* Expertise in installing and handling all four environments of QlikView and Qlik sense Dev, QA, UAT and Production servers.
* Involved in performance tuning of QlikView & Qlik Sense apps for faster data reloads and efficient response times.
* Implemented security using section access that dynamically hides selected areas/data/objects of the dashboard depending upon user privileges.
* Involved in creating test case scenarios from data source to application level.
* Performed error **handling process**, **debugging,** and **troubleshooting** the applications.
* Involved in testing process by performing the **Unit** **testing** and **System** **testing**.
* Experience in Task creation and monitoring of both QlikView and Qlik sense applications on UAT and DEV QMC.
* Done Event streaming using Kafka through Qlik sense using RESTAPI connectors.
* Created source tree repositories to place the data in the secured folders.
* Deployed extractors, transformers, and applications to all the environments from DEV, UAT and Prod.
* Used ETL tools for the data quality to profiling and clean data.
* QMC - security rules and administrative knowledge of QS system.
* Used DWH Concepts (Star Schema/Snowflake modelling, FACT & dimensions, hierarchies)
* Scheduled QVW reloads on server and troubleshoot errors and failures
* Development of Qlik extensions for creating Mashups/web application objects using HTML, CSS, and JavaScript.
* Modify existing databases and database management systems and/or direct programmers and analysts to make changes.
* Integrated data using ETL techniques for the data quality and analysis purpose.
* Worked on QMC for User management, Deployment of QlikView dashboards, License management, Management of QlikView product services and creating & scheduling tasks.

**Environment:** QlikView 11.2/12.4 Qlik Sense 2021 13.82 , QVD, QVW, QMC, SQL, Atlassian Source Tree 3.3.8, data center and Bitbucket server 5.16, RDBMS, ORAMA, Snowflake.

**Sysol Tech, Hyderabad, India August 2017 – August 2021**

**Role: Qlik Developer/Engineer**

**Project: CRM Next\_Gen\_Reporting**

**Description:**

CRM Next\_Gen\_Reporting dashboard is mainly concentrated on internal service tickets processing and feedback provided by the clients on the performance/quality of service all over the world. KPI covered is Count of Tickets based on Geography, Overall Satisfaction Ratio, MoM, QoQ and YoY analysis.

QlikView Application which shows brief information about organization. Creating various reports during seeing is believed on a short basis for utilization of QlikView/Qlik Sense.

**Responsibilities:**

* Involved in gathering user requirements, analysing the internal business units.
* Observing, testing, and improving the ticket processing analytics application in QlikView/Qlik Sense.
* Dynamic Excel driven Tab.
* Giving access to users from the QMC.
* Daily reload tasks and managing CAL's.
* Extensive experience in designing and development of various dashboards, reports utilizing various QlikView Visualizations like Bar Graphs, Scatter Plots, Pie-Charts, Geographic.
* Dashboard development and maintenance of three applications.
* QVD loading, data model and UI designing.
* Transferred 36 records from the source table to target using replicate.
* Imported data from SQL Server DB, Azure SQL DB to Power BI to generate the reports.
* Created Dax Queries to generated computed columns in Power BI.
* Generated computed tables in Power BI by using Dax.
* Involved in creating new stored procedures and optimizing existing queries and stored procedures.
* Expertise in Full Life Cycle implementation of a data warehouse project that includes Planning, Analysis, Design, Implementation and Maintenance.
* Used Power BI, Power Pivot to develop data analysis prototype, and used Power View and Power Map to visualize reports.
* Published Power BI Reports in the required originations and Made Power BI
* Connected Qlik to amazon Athena using ODBC or JDBC connectors.
* Wrote SQL queries in Qlik Sense to access and analyse data directly from Amazon S3 via Athena
* Development experience in data replication from multiple databases to create data lakes on Redshift, Big query and Snowflake analytical platforms using **Qlik Replicate.**
* worked on Extract, Transform, Load (ETL) processes to extract data from source systems, transform it to meet the target system's requirements, and load it into the destination databases.
* Defined data models and mappings to facilitate data movement and transformation between source and target systems.
* Monitored the data integration processes, identifying and resolving issues, and ensuring **data replication tasks** are running correctly.
* Improved data integration performance, optimizing ETL workflows, and enhanced overall system efficiency.
* Extensively involved in creating users, user groups, roles, scheduled instances for reports in QV/QS.
* Implemented section access for the external users in QMC.
* Created On-demand App Generation (ODAG) to load and analyse big data sources.
* created takes data from a flat file, reformats the data, and then inserts the reformatted data into a fact table using SSIS.
* Performed the Performance Tuning of Dashboards/Reports and made required changes.

**Environment:**  QlikView 11.2, DB2, QlikView server, Power BI Desktop, Qlik Replicate is **2020.5,**

Power BI report server, Windows Server 2012, T-SQL, Excel Files.

**IQuadra Information Services, Atlanta, GA July2013 – May 2016**

**Role: Qlik View Developer**

**Project: NatSteel**

**Description:**

NatSteel is the Enterprise Company which mainly deals with the metal recycling in Singapore. QlikView Application which shows brief information about organization. Created various reporting during seeing is believed on a short basis for potential clients through utilization of QlikView.

It provides services to Pharma company which is having patient data Analysis for patient recruitment process.

**Responsibilities:**

* Observing, Testing and Improving the Analytics application in QlikView.
* Migrating and supporting the Po applications from QlikView.
* Good experience in handling the Qlik service and administering the gateway.
* Deploying, scheduling, and publishing the Qlik applications to the Qlik service.
* Developing various reports in Qlik using Table, Slicer, Cards, Line Chart and Pie Chart.
* Giving access to users from the QMC.
* Daily reload tasks and managing CAL's.
* Dashboard development and maintenance of three applications.
* QVD loading, data model and UI designing.
* Assigning access to Qlik View workspaces to the users.
* Implemented section access for the external users in QMC.
* Analysed and visualize data related to clinical data using Qlik This includes patient recruitment process and it progress.

**Environment**: Qlik View Desktop, Qlik View Service, QlikView 11.2, SQL, Windows Server 2012, Excel Files.

**HCL Technologies, Chennai, India Aug 2011 -Mar 2013**

**Role: Software Developer**

**Project: Active Network Abstraction (ANA) / Prime Network**

**Description:**

Cisco ANA is a powerful next-generation network resource management solution designed which abstracts the network, its topology, and its capabilities from the physical elements. Its virtual nature provides a strong and reliable platform for service activation, service assurance and network management. The Northbound application of ANA provides information about the network as Information Managed Objects (IMO). ANA provides Syslog’s and Traps information to help the network administrator to fix the issues as soon as possible in the network. ANA provides support for various vendors such as Cisco, Alcatel, Lucent, Juniper, ECI-HI Focus devices. ANA provides the modeling for various technologies such as ATM, MPLS, OSPF, Access List, Bridges, Frame Relay, VRF, Routing Table and IP Interfaces.

**Responsibilities:**

* Designed and developed the application by utilizing java that met the business requirements.
* Analysing the requirements by understanding business use cases and system design documents.
* Worked on Support/Development of new Java code for support of new technologies.
* Worked on Enhancement request involving modification and addition of new java Parsers for enhancement in modelling of the devices in NMS.
* Actively to part in developing better way of modelling devices.
* Fixed around 100 Plus defects in Code.
* Responsible for VNE Inventory, Traps & Syslog’s developing and testing of multi-vendor devices.
* Actively provided inputs on developing and testing strategy.
* Filed 5 showstopper and 20 plus defects on product to ensure quality of the product.
* Responsible for Unit Testing and Manual Testing in our team.
* Responsible for CARTS (Continuous Automated Regression Testing Suite) for our Team.
* Reviewed Project Related Documents and provided inputs to ensure quality of the product.
* Analysis and understanding the existing system.
* wrote python scripts for the automation process.
* Used Network Management Protocols SNMP and TELNET.
* Handled sessions on core Java, network routing and switching concepts.
* Used traffic analyser tools like Wire-shark and Ixia for creating traffic purpose.
* Coding and debugging. Preparation of unit test plan and test cases.
* Carrying out Unit / Integration Testing.

**Environment:** Core Java, Networking (Switching and Routing Technologies), UNIX and Oracle 10g.

**HCL Technologies, Chennai, India June 2010 – August 2011**

**Role: Software Developer**

**Project: Sow VNE-Telstra/Prime Network**

**Description:**

Cisco ANA is a powerful next-generation network resource management solution designed which abstracts the network, its topology, and its capabilities from the physical elements. Its virtual nature provides a strong and reliable platform for service activation, service assurance and network management. The Northbound application of ANA provides information about the network as Information Managed Objects (IMO). VNEs (Virtual Network Elements) are independent software processes that run on the Cisco ANA Unit Servers. Each VNE is assigned to manage a single network element (NE) using the NE’s management interfaces (for example, SNMP and/or Telnet). As the VNE loads, it starts investigating the NE and automatically builds a live model of the NE, including its physical and logical inventory, its configuration, and its status. After modeling the NE, the VNE begins negotiating with peer VNEs, which represent the peer NEs, to determine NE connectivity and topology of the network at different layers, NE state and inventory is constantly being updated by the VNEs, which track every change that occurs in the NEs and the network. ANA provides Syslog’s and Traps information to help the network administrator to fix the issues as soon as possible in the network. ANA provides support for various vendors such as Cisco, Alcatel, Lucent, Juniper, ECI-HI Focus devices. ANA provides the modeling for various technologies such as ATM, MPLS, OSPF, Access List, Bridges, Frame Relay, VRF, Routing Table and IP Interfaces.

#### Responsibilities:

* Developing the VNE Drivers for Juniper JCS 1200 Router and analyzed the device in physical aspects.
* Developed identification level traps for JCS1200 and Tellabs MSE 8840 devices and unit tested with CMP Syslog Trap Gen tool.
* Responsible for developing VNEs for Software Version, network modules and involved in coding and unit testing.
* Analyzing the requirements by understanding business use cases and system design documents.
* Reviewed Project Related Documents and provided inputs to ensure quality of the product.
* Worked on Enhancement request involving modification and addition of new java Parsers for enhancement in modeling of the devices in NMS.
* Involved in developing better way of modeling VNE in SOW-VNE and fix defects identified.
* Responsible for VNE Inventory, Traps & Syslog’s developing and testing of multi-vendor devices.
* File 5 showstopper and 70 plus defects on product to ensure quality of the product.
* Preparation of unit test plan and execution.
* Carrying out Unit / Integration and Events Testing.

**Environment:** Core Java, XML, SNMP, UNIX, LINUX