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| **Detailed Profile: Archana Patra 732-440-7532 (M) Email:** **Archana.qvdeveloper@gmail.com** |
| **Visa Status: Green card Location: Hillsborough, New Jersey** |

**Experience Summary**

* + Around 15 years of Total IT experience in the industry with around 5 years of Qlik Sense and 7+ Years of QlikView development.
	+ Worked in full life cycle implementations, roll out, developments, migration, enhancement and support projects.
	+ Have worked in Health Care, Pharmaceutical, Banking, Transportation & Supply Chain industries.

**Qlik Sense & QlikView Experience**

* Involved in all the phases of Qlik Sense & QlikView Dashboard (SDLC) development phases such as Requirements, Design, Development, Testing, Deployment.
* Designed N-Printing Report formats on top of Qlik Dashboards, enabled filters and conditions and scheduled them for business users as per the requirements.
* Extensive Hands-on experience with Qlik Sense Dashboards & QlikView versions 10/11.
* Hands-on experience creating variety of Qlik Dashboards catering to different levels of audience ranging from Executives to actual Retail managers.
* Extensive experience in all aspects of Qlik Development – Data Modelling, Scripting, UI Design, Development and Optimizing.
* Implemented optimized large volume data models in Star, Linked Table and snowflake format etc.
* Implemented features such as incremental load, binary loads, alternate states and set analysis in QlikView.
* Implemented ETL functionality- Data extraction layer, Transformation/QVD layer, UI/Presentation layer.
* Have designed variety of charts suitable for a business requirement (KPIs).
* Experience in using different Qlik view functions like RANK, AGGR, Firstsortedvalue, Applymap, Match, Pick and many other Script and UI level functions.
* Hands on experience on to handle the tasks Qlik Sense & QlikView Server and deployments.
* Handled section access to filter data based on their privileges.
* Interacted with various data sources like SQL server, RedShift MS-Access, Oracle 10g, DB2, MS-Excel etc. Have created SQL Queries to self-test the KPIs used in the Apps and in the backend.
* Implemented best practices like numeric key link between the tables, avoiding calculated dimensions, only using numeric comparisons in set analysis, defining the Common Master Calendar etc.
* Have experience working in Agile framework, Project management tools like Jira and version control tools like Bitbucket.

Qualifications Details

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| **Degree**  | **Institute** | **Major and Specialization** |
| B. E | Utkal University, Bhubaneswar | Computer Science & Engineering  |

Career Profile

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| **Dates** | **Organization** | **Client** | **Role** |
| Mar 2021-Till Date | Innova Solutions | Verizon Communications, Inc. | Sr. Consultant |
| Nov 2018 – Mar 2020 | L& T InfoTech | Johnson & Johnson Inc. (Pharma) | Sr. Consultant |
| Mar 2017 –Oct 2018 | Capgemini America Inc. | Becton & Dickinson, Johnson & Johnson Inc. (Ethion- Medical Devices) | Sr. Consultant |
| Dec 2007 – Dec 2016 | HCL Infoserv Inc. | IMS HealthCare, Allergan Pharmaceuticals etc. | Consultant |

Project Details:

The details of the various Projects that I have handled are listed here, in chronological order.

**PROFESSIONAL IT/QLIKVIEW-QLIKSENSE EXPERIENCE**

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| **Project #09** | **2023 VGS Transformation, One Sourcing Executive Dashboard, WLM Operational Dashboard & Supplier Rating System, Verizon Communications, Inc./Innova Solutions.** |
| **Duration:** | Mar 2021 – Till Date |
| **Role:** | Sr. Qlik Sense Developer |
| **Project Description:** | As part of the Business Intelligence Team for Sourcing and Procurement division I was responsible to give Qlik Sense Solutions for all the adhoc and planned Qlik Sense requirements. Souring Data derived from SAP-Ariba through APIs and loaded to CDL (co-operate Data Lake).  |
| **Responsibilities**: * Developed One Sourcing Executive Dashboard which has 6 main KPIs (Savings, Diversity, Workload, Spend Under Preferred Suppliers, Spend Category Strategy & Revenue Enablement. Established Linked Table concept because of multiple facts. Designed the frontend using Vizlib extensions. Some of the KPIS are converted from Tableau to Qlik.
* Created Strategic View for Category Spend for different suppliers based on their Spend, ranked them. Compared 2 years of Spend & Quantity for each category of products, calculated KPIS like what would have been paid, Estimated Variance, Variance Percentage etc. on the fly which will help the user to analyze the sku prices and deals made and compare between current and previous year.
* Created customized-Dynamic reporting with different dimensions and facts.
* Delivered many adhoc solutions for keeping track of the Qlik Accesses, roles and usage of VSV apps taking Qlik monitoring apps as an input.
* Several N-Printing reports, tasks were created, scheduled and distributed in production.
* Implemented Section Access on Dashboards at row, field and sheet level.
* Completed a business requirement to mask confidential information from a field without reducing the records. Created dummy ACCESS keys to handle the null Primary Keys for one of the input files.
* Converted several Tableau Dashboards to Qlik Sense using Linked Table methodology in backend and the front end was developed using various Vizlib extensions. Google cloud is used as the source of data.
* Developed VGS Transformation Dashboard taking the python output (Excel) to showcase the performance of different initiatives across VGS organization. Different visualizations are used e.g., Stacked Bar, Vizlib KPI Designer, Vizlib Container, Pivot, waterfall to showcase the initiatives Actual and Target figures and their differences at various time period. Converted several excel pivots into equivalent Qlik logic.

**Environment:** Qlik Sense February 2022 Patch2, SAP Ariba and Windows 2022 Server, Google Cloud |

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| **Project #08** | **Qlik Sense & N-Printing Development Team (E-Learning POC, AWS Cost Analysis, User AD Group Automation)****Tableau & Tab-Py : NPP, Downstream Inventory** **Johnson & Johnson Inc., Titusville, NJ/L&T InfoTech** |
| **Duration:** | Jun 2019 - Dec 2019 |
| **Role:** | Sr. Qlik Sense Developer |
| **Project Description:** | As part of the sole member of the team I was responsible to understand the requirement from business, communicate with the different IT owners, Users and develop the app which meets all the requirement. Test results were verified against SQL queries and shared with all for their easy testing and verifying the data further.**E-Learning POC**: POC was delivered in Qlik Sense by studying the reports from E-Learning system and the data from M-Box.**AWS Cost Analysis**: Added a new tab for Cost Analysis Calculation for Current week, Previous week and 6 six-week cost analysis. Created N-Printing report and scheduled the task for all the business users.**User AD Group Automation**: This app combines the extract from LDAP (Microsoft Directories) & Monitoring App Data. Modified the app further, added session summary data, Optimized the data model. Created N-Printing report & Task which filters the data based on the owner and distributes among them.**NPP (Non Personal Promotional Analytics):** Created a POC in Tableau which shows comparison between different J&J Promotional Sources and Vendors.**TabPy**: Added Python Code in Tableau to give auto audio play feature in Downstream Inventory tableau file.  |

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| **Project #07**  | **Data & Analytics Rapid Response Team for Pharma Projects (CarePath & iQlik-Canada)- Johnson & Johnson Inc. / L&T InfoTech** |
| **Duration:** | Nov 2018 - May 2019 |
| **Role:** | Sr. Qlik Sense Developer |
| **Project Description:** | As part of the Rapid Response Team for L&T, I was responsible to support certain Pharma applications for any bugs/issues/requests reported by users & BUIT. The application CarePath is a Complete Patient Care app used by the Business to understand how the Janssen products helps the patients and supports the patients financially in their payment plans if needed. The clinical data of patients (Dosage, Pathology) & Payment plans etc. were provided by IBM 3 times a day.The Application iQlik-Canada was completely designed for the sales team to check Janssen product performance only w.r.t Canada. Data is always sliced as per their hierarchy in the organization. |
| **Responsibilities:*** As part of this rapid response Team, I was responsible for support application issues/requests for users & BUITs.
* Issues can be related to access/ bugs due to recent deployments/ data related issue or request for clarification on business rules or enhancements.
* Issues/bugs were reported as incidents and Requests/enhancements reported as Service requests. These Incidents/Service requests are resolved as per the SLA agreed with the client.
* I was also responsible for handling deployments/releases for the applications I support and present them in the CCB meeting with help of a Change Management Ticket. Iris was used to handle Incidents/Service Requests/Change management/Problem Management tickets etc.
* I was also responsible to provide a detailed Knowledge Article is provided for every incident which can be very helpful reference document for future similar incidents.
* Was responsible to work cohesively among various teams Data Team, Ctrl M Team, Platform Support Team.
* Handling deployments flawlessly and understanding the changes that were deployed by attending the development scrum calls.

**Environment:** Qlik Sense 3.0, Redshift, Oracle, and Windows 2008 Server.  |
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| **Project #06**  | **Cognos to Qlik Sense Decommissioning -Johnson & Johnson Inc.** **(Ethicon Franchise) / Capgemini Inc.**  |
| **Duration:** | Feb 2018 - Oct 2018 |
| **Role:** | Sr. Qlik Sense Developer |
| **Project Description:** | This project was carried out in an agile framework with 2 weeks of sprint duration. The objective was to convert all Cognos reports to Qlik Sense. There were 4 Cognos Framework models (.cpf/.xml) which had around 20 data models which needed to be converted into Qlik Sense data models. Reports were self-generated by users out of these models. |

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| **Responsibilities:*** As part of this team, I was responsible for understanding the Cognos Models at Extraction level, Transformation level & User Interface level and building the same in Qlik Sense.
* Since these were adhoc reports, master measures were created wherever necessary.
* Testing was carried out by matching the reports against Qlik Sense data Model and Cognos reports.
* Link tables were created to handle the large volume of data density.
* Since the Ethicon data was stored in Teradata, Queries were optimized at Qlik Sense side and at Database side in order to handle SPOOL space error.
* Created and Scheduled tasks by coordinating with different ETL teams.
* Provided Hyper care and Qlik Sense training to the users towards the end of the assignment.

**Environment:** Qlik sense 3.0, Cognos, Teradata, and Windows 2008 Server.  |

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| **Project # 05** | **Internal Audit Report Migration, Coast to Coast Agile Development - Becton Dickinson/ Capgemini Inc.** |
| **Duration:** | Mar 2017- Dec 2017 |
| **Role:** | Sr. Qlik view Developer |
| **Project Description:** | Internal audit assignment was to migrate all the Tableau reports to QlikView. Challenge was to give them exact visualization in QlikView, as users were used to Tableau reports. Some of the important objects used in the reports are Scattered Chart, Linear gauge within a straight table and pivot tables. Coast to Coast, project had an agile framework with 3 weeks as one sprint duration. There were 12/15 dashboards for different Sales Team which were developed, enhanced and supported. Product owner gets the stories approved from the business and assigns to the development team. During the grooming session every week each story is sized and it has to be delivered within the agreed upon story points.  |
| **Responsibilities:*** Insert only Incremental Load feature was given to make sure the load time is less.
* A feature was given to the client where they can’t see the unassociated entries in the list box without any grey lines.
* Document level Trigger is given in order to highlight the latest audit after each load.
* Creating/Modifying/deleting views using SQL Server as part of the development process.
* Understanding the business requirement from the business owner and asking the correct question in time so that story gets completed within the sprint.
* Stories can be related to new dashboards or existing dashboards, can be of development from scratch or modification to the existing dashboards.
* As part of Support were making sure all the dashboards get refreshed on time. If any of them doesn’t get refresh we have to find the prerequisite task which have not run, execute them also find the RCA for the delay in processing.
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| **Project # 04** | **Teleservice Program Tracker, Plantrak Analytics Redesign - Allergan Inc./ Highpoint Solutions**  |
| **Duration:** | Jan 2016 – Dec 2016 |
| **Role:** | Sr. Qlik view Developer |
| **Project Description:** | Allergan decided to launch a Tele sales program taking 10 Tele sales representatives in No-Space and Whitespace areas operating from Austin, TX. This dashboard helps the Teleservice supervisors to track the performance of these tele sales reps.This app was re-designed for the field Sales Reps and Managed care Team to track the TRx volume and TRx share for Allergan products w.r.t its own market and against the competitor products. This app helps the teams to measure and plan their marketing strategy based on their account performance.  |
| **Responsibilities:*** Involved in gathering, analyzing, documenting business requirements, functional requirements, data Specifications and defining the KPIs, created the detailed design doc.
* Incorporated star schema model combining data from SAP BW, Oracle and Excel.
* Connected to SAP BI database for Call Activity and Target panel and other master Data Bases, using SAP connector.
* Time off territory details for the In-house sales reps are fed to the app from Oracle database.
* Managed target panel quarter start date and end dates from a mapping file as they were different from the regular system quarter start and dates.
* Created Junk Dimension in order to simplify the data model and avoid repetition in script.
* Used Interval match to maintain and track historical data for Sales Reps.
* Created different KPIs like Executable HCPs, Viable HCPs, and Non-Executable HCPs using which the performance of the Sales Reps can be measured by comparing the actual against the target.
* Managed qvw task creation, task scheduling and triggers in QMC.
* Due to the size of the Plantrak information, there are several constraints that needed to be adhered to in order to ensure that all goals & objectives of the project are met.
* The performance of the application was improved drastically by using document and sheet level triggers. Using triggers, the data was reduced specific to the respective sheet
* The UI was simplified and enhanced by using multiple sheets for different requirements
* Top 15 Payers + 3 PBMs for all the Allergan Brands were showed as per their TRx volume and Share% w.r.t all the geographies (National, Area, Region, Division, Footprint and Territory level)
* A pie chart was given to compare the TRx between Allergan brands with its competitors.
* Similarly top 15 Prescribers were also showed w.r.t different geographies.
* Charts were also given w.r.t different Payer Types and ranked them based on their TRx volume.
* Gave them a trend chart of 12 months of TRx data which can toggle between Volume and Share %.
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| **Project # 03** | **UCB Migration, Lilly Basaglar Global Dashboard -IMS HealthCare /Hexaware Technologies** |
| **Duration:** | Mar 2015 – Dec 2015 |
| **Role:** | Sr. Qlik view Developer |
| **Project Description:** | UCB -This project is intended to transfer the sourcing of UCB’s QlikView reporting from UCB’s BIDW database to IMS’s IMS One repository. Lilly Basaglar- This dashboard helps the Pharmaceutical Company Lilly & Boehringer Ingelheim to monitor and analyze the sales and popularity of their new Diabetic medicine BASAGLAR in 7 countries. MIDAS is the sales feed from IMS which gives the sales data for all the diabetic products apart from BASAGLAR for which data is extracted from Lilly’s CRM system. This Lilly Basaglar Global Dashboard is designed taking these two main feeds along with few other feeds (e.g., survey data).  |
| **Responsibilities:*** Around 43 QlikView reports were sourced from BIDW as a scope of this Phase-1 UCB-IMS migration Phase.
* Different Application includes (Self Service, TRAX, MSL, IBU, DDD, Managed Markets, Medicaid, Customer Data etc.).
* Main source of data for these reports were excel files and Oracle database.
* After the data sources were changed all the QVWs are reloaded, a manual comparison was done among the UCB generated reports and IMS generated reports.
* For all the differences among reports, a proper analysis was done which table/field and file has a difference. Toad/SQL Developer was used to query the oracle database.
* Used various QlikView functionalities and basic data warehousing concepts for data cleansing and modelling.
* Requirements included various KPI’s such as product performance in the launched countries, popularity among patients and willingness of doctors to prescribe to the patients.
* Followed a three layered QlikView architecture (Extract, Data model and application).
* The data model consisted of fields like countries, survey questions as dimensions and TRx Volume, NBRx Volume, Unit Volume as Measures.
* In the application layer, used multiple analytical charts to show the monthly growth, sales growth targeted and sales in the market among different products available in the market.
* Used Qlikmap extension object to show the sales in the launched countries and the size of the bubble displaying the proportion of sales.
* Used HTML extension object to show the user the help file text for each tab present in the dashboard.
* Used Bundle Load to bundle the country flags along with country names in a straight table.
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| **Project # 02** | **Procurement Dashboard, IC Dashboard, Sales Dashboard -****TENET Healthcare Corporation/ Dell Systems**  |
| **Duration:** | Jul 2010 – Feb 2015 |
| **Role:** | QlikView Developer |
| **Project Description:** | Procurement dashboard helps the hospital Inventory Manager to manage hospital inventory, materials cost analysis, analyzing suppliers etc. The Intra-Co-operate (IC) dashboard helps the management to analyze profit and loss analysis among different accounts of the company. The Sales DB helps the management to analyze the performance of their different health Plans.  |
| **Responsibilities:*** Dimensions include Contracts, Suppliers, and Supplier Category, Hospital Departments etc.
* Measures includes number of orders, number of items per order, SLA Breaches, no of damaged supplies if any, amount etc.
* This dashboard helps them to analyze a hospital’s spending and supplier contracts.
* Management can see all the contract information which is in place and when the contracts need to be renewed.
* Highlights on Spending, Overdue, total number of contracts, active contracts and contracts which need to be renewed within next month.
* Provisions Comparative analysis, Drill Down and Multi-Dimensional Analysis.
* Displays YTD/MTD/YOY/MOM/CY/PY analysis data.
* Displays production analysis chart that shows the complete workflow of Suppliers, Channels and Spending.
* Custom report for the end user to selectively pivot data as per needs displaying the KPIs by various Dimensions.
* Directly worked with End Users, business analysts to understand their requirements, show cased POCs and Demo of Prototypes.
* Used Org Chart extension to show the contribution percent of each business function.
* Have used Whisker pie extension to show the contribution percent of each account.
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| **Project # 01** | **Robert Plan Corporation/Keane Inc.** |
| **Duration:** | Dec 2007 – May 2010 |
| **Role:** | Data Analyst |
| **Project Description:** | Robert Plan Corporation is a leading player in the private passenger assigned risk business in the US auto insurance industry.  |
| **Responsibilities:*** Gathered data from various sources, ensuring data integrity and accuracy before sharing it with the development team.
* Worked with Developers to fine tune queries and improve performance of processes and applications as part of data quality and integrity.
* Helped the BA team design the Business Analysis reports.
* Worked with Data mapping, High level design and Detailed design documents.
* Used complex transactions and Validations to make sure that the data is correctly loaded into the database.
* Attended functional testing and user acceptance sessions and worked on the feedback provided by them.
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