**Ranjith Vijayakumar**

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**BUSINESS INTELLIGENCE DEVELOPER**

**Perceptive Oriented | Process Driven | Solution Focused**

**SUMMARY OF QUALIFICATIONS**

* Dynamic and Solution-focused Business Intelligence Developer with **8 years** of experience in delivering a high-level interactive summary report to the business end-users at all levels to attain organizational goals.
* Extensive hands-on experience in designing and developing**Power BI**- **Dashboards and Visualization reports using DAX & M querying the data** **by Integrating and Modelling**from various sources such as Snowflake, Microsoft SQL DB, Oracle SQL DB, MS Excel, Salesforce, Postgre, SharePoint(i.e., Flat File), etc.
* Excellent skill in gathering, analyzing, documenting, and maintaining Business Requirements Documents (BRD) and Functional Specifications Document (FSD) with Data Flow Diagrams (DFD), UML Diagrams as Activity, and Sequence.
* Extensive experience in **Data modeling, Data Analytics, and Data Flow transformations** including Derived-Column, Measures, Lookup, Data Conversion, and Conditional-Split techniques in Integration Services development.
* Expertized with different **Software Development Life Cycle Methodologies**, i.e., **Agile and Waterfall**, maintaining requirement traceability matrix, performing **a gap analysis**, and advising the recommending options, risks, cost, and benefits.
* Well-versed in writing **SQL queries** for storing, validating, manipulating, and retrieving data from **Relational Database** and designing the logical data modeling diagrams (Class diagram) & Data Schemas.
* Highly skilled in handling project risks, Expert in problem-solving skills with the ability to think creatively and strategically about alternative solutions and opportunities.
* Great Experience in creating automated email alerts using**Microsoft Power Automate.**
* Familiarity with tools like **JIRA** and **Confluence**.
* Excellent verbal and written communication skills, organizational skills, and multitasking ability in a fast-paced environment.
* Constantly delivered on assigned tasks supporting the achievement of project deliverables within the agreed timeline.
* Self-motivated, strong interpersonal, problem-solving skills, verbal & written communication.
* Eagerness and Capable to learn new technologies and applications quickly.

**TECHNICAL SKILLS**

**Applications:** Salesforce, CRM, Oracle E-Business Suite R12i.

**DBMS/RDBMS:** Oracle SQL (12g), IBM DB2, My SQL Server, Snowflake (Microsoft Azure).

**Front End/Web Tools:** Angular.Net.

**Tools:** Microsoft Power BI, Microsoft Excel BI, Microsoft Office 365, MS Visio.

**Project Management:** MS Project, MS SharePoint, JIRA.

**Process & Methodologies:** SDLC, Waterfall, Agile and Test, QC & defect Mgt.

**EDUCATION**

**Master’s in business administration** (Specialised in Finance & Marketing), India – 2013

**Bachelor’s in computer application,** India – 2010

**PROFESSIONAL EXPERIENCE**

**Data Analyst – Lululemon, Vancouver, Canada Aug 2021 – Present**

To develop and validate interactive **visualization reports** for the client **Lululemon** with maps, charts, tables, slicers, and drill through options using the **Power BI platform** to make real-time decisions, take confident action, and anticipate problems on Inventory (Global Planning and Allocation), Financial (Cost Management), Sales, Marketing & Logistics Performance.

**Responsibilities:**

* Designing and developing an interactive summary report using **Power BI Desktop,** Visualization in the reports are developed using **Drilldowns, Filters, Charts, Matrix tables & Maps** which are accessible in **Power BI Service and Apps** based on business requirement documents.
* Work closely with End Users and gather business requirements and document them to develop the reports.
* Integrating the Data from various sources in an optimized way to bring a high volume of Data, by Data Cleansing.
* Cleansed & Collected data are modeled to create visualization by M querying, writing DAX measures, and derived columns based on the business logic to bring structured and unstructured data into meaningful information.
* Applied several **DAX (Data Analysis Expressions) functions** for various fact calculations for efficient data visualization in Power BI and Power Pivot.
* Developed effective data visualizations, trends, and charts to convey information to clients.
* Implemented security and user roles (**Row-level Security**) for all the users of the various modules by restricting access to information and reports.
* Created Microsoft Automated cloud flows using **Power Automate** to send automatic email alerts to concerns on regular basis.
* Developed and validated optimized views by connecting various dimensions and modeling them to connect with Power BI in a Highly efficient way.
* Maintained SQL queries logbook to overcome the security challenges and the reusability of the code and documented the same for knowledge sharing with the team.
* Utilized **JIRA** for **Sprint Planning** and **Confluence** for documentation.

**Power BI Associate – IAAC Labs, Toronto, CA Dec 2019 – July 2021**

To develop **visualization reports** with maps, charts, tables, and slicers using **Power BI**, which are accessible in **Web and Mobile apps** with graphical interface solutions for gathering business requirements from clients. The analytical report provides different trading environments and workflows on business performance in **Sales, Finance, Transportation & Distribution domains**. The Stakeholders/End-users can view and interact(edit) with the reports and obtain business solutions based on the information availed in the reports.

**Responsibilities:**

* Interacted with clients and gathered business requirements and documented them in the form of Functional requirement document (FRD) by defining Subject, Objective, Scope, Role Players, Wireframe Diagrams using **MS Word, MS Visio & Excel**.
* Designed and developed an interactive summary report using **Power BI Dashboards** with drill-downs, which are accessible in Web clients and Mobile apps with graphical interface solutions based on business requirement documents.
* Applied the **Tabular model** in analysis services for extracting the data and generating reports in **Power BI**.
* Utilizing **Power Query** in Power BI to Pivot and Un-pivot the data model for data cleansing and data modeling.
* Implemented several **DAX & ‘M’ functions** for various fact calculations for efficient data visualization in **Power BI.**
* Developing detailed summary reports, line and pie charts, trend analysis reports, and sub-reports according to end-user business requirements.
* Effectively handled data errors during the modification of existing reports and the creation of new reports.
* Interact and work closely with clients and team members to resolve the technical issue based on the inputs provided in JAD/JAR sections for better process implementation.

**Sr. Data Analyst – Pon Pure Chemicals & Logistics Sep 2017 – Aug 2019** Developed Visualisation reports that interpret consumer behavior, market opportunities and conditions, marketing results, trends, and investment levels. Proven ability to work with and influence all levels of leadership, IT business teams (engagement organizations), and stakeholders to capture/validate requirements and convert them into enterprise-wide BI solutions.

**Responsibilities:**

* Gathered business requirements from senior management, subject matter experts, and IT team and documented for further development.
* Converted data into actionable insights by predicting and modeling future outcomes.
* Utilized **MS SQL, Power BI, and MS Excel** to create interactive dashboards/visualization toolsets for data intelligence and analysis.
* Participated in the design and maintenance of the Database Management System (DBMS) including data modeling, extraction, cleansing, aggregation, transformation, and validating the data to ensure accuracy and consistency.
* Maintain and upgrade data to determine its accuracy according to business needs and worked with Data Warehouse developers and stakeholders to diagnose and fix any inaccurate data.
* Identify and recommend process improvements to reduce inefficiencies and improve accuracy and automation of workflow and data transfers.
* Participated in the evaluation of new techniques, technologies, and tools and delivers ad-hoc reports as per the requirement.
* Maintained standard profile in deployment and maintenance of SQL server objects.
* Prepared and presented weekly and monthly reports on critical CRs that ensured quality and effective resource utilization.
* Trained and knowledge transferred new team members on functional and non-functional requirements with strong communication skills in a short duration thereby ensuring smooth interaction throughout the team.

**Process Associate – Pon Pure Chemicals May 2014 – Aug 2017**

An **ERP Design & Implementation** specialist used Agile Software Development Methodology to Reengineer **Oracle E-Business suite R12i** to meet stakeholder’s/Enterprise Client requirements: analysed and documented **Business requirements,** **Functional and Non-functional** requirements as well as provided guidance to designers, developers, and quality assurance testers regarding system interaction with users.

**Responsibilities:**

* Interacted with stakeholders and Subject Matter Experts **(SMEs)** to gather business requirements and documented them in the form of Business requirement documents, functional requirement documents (FRD)/User Stories by defining Action/Subject, Scope, Role players, Database Schema, Wireframe Diagrams, Technical model (Workflow) with **UML** based diagrams such as Use Case diagrams, Activity diagram, and Sequence diagrams using **MS Visio**.
* Documented Business requirements by defining Project purpose, the Scope of the project, Business goals, business process flow diagrams, Functional requirements, System requirements, Data requirements, Test planning, Project execution, and Implementation of Business Application.
* Responsible for advising risk involved in the project and recommending options by leading the team. Tracking project status using **MS Project**and managing the Dashboard**.**
* Managed the **user story backlog** by ensuring the backlog items are appropriately groomed, prioritized, and estimated and the team fully understands what needs to be delivered.
* Facilitated Mid Sprint check-up to review the acceptance criteria of the committed Sprint backlog.
* Managed **Test Case Documents** in **JIRA,** Tracking and updating the developed feature to meet the stakeholder requirements by advising and developing test scripts with Quality Assurance teams**.**
* Used **Confluence and** **SharePoint** for the project documentation which includes BRDs, FDDs, Meeting Agendas and Notes, Processes and Procedures, Project Management, Status Reports, and maintaining the Master List.
* Facilitated meetings for training employees Online and in-person about the application uses and access supporting material like presentations, and manual documents in the post-implementation phase.

**Environment:** M.S - Excel, Word, Visio, PowerPoint, SharePoint, JIRA, Oracle SQL Server & Adobe Acrobat.

**Process Associate – Pon Pure Logistics July 2013 – April 2014**

Developed a **Salesforce Application (CRM - Lead Management System)** using Agile Software Development Methodology. The application was designed and developed with **Angular.Net** on the front end and **MS SQL Server** on the back end. The application helps to manage, analyze, and track the customer data; Review business performance based on Product-wise, Executive-wise, Region-Wise, Geographical & Branch-Wise. Stakeholders can review business performance and obtain solutions based on the Dashboard and reports.

**Responsibilities:**

* Planned and conducted requirement elicitation meetings with employees and Subject Matter Experts (SMEs) to understand the business requirements and functional and non-functional/technical requirements.
* Documented Process flow diagrams, Use Case Diagrams, Data Flow Diagrams, Activity Diagrams, and Sequence Diagrams to facilitate better system understanding using **MS Visio**.
* Performed Impact analysis based on **Change Management Request** (CMR) and advised impact on application development cycle and documented the **GAP** impact in the form of **“AS-IS” and “TO-BE”** process.
* Outlined the organization hierarchy and created profiles, and roles accordingly in Salesforce; worked on visibility and security settings around them as required by the business.
* Designed different custom dashboards for various user groups based on their business functionalities and needs.
* Designed various types of email templates for an auto-response to customers/stakeholders.
* Assisted with project implementation and control monitoring process related to quality assurance (QA) and performed **user-assisted testing (UAT)** to ensure the application met all service levels and quality objectives.
* Facilitated training sessions for employees Online and in-person about the application uses and access with supporting material like presentations, and manual documents in the post-implementation phase.

**Environment:** M.S Excel, Word, SQL Server, M.S PowerPoint, MS SharePoint, Microsoft Access, Adobe Acrobat