**Nanditha A**

**Phone number:**

**SUMMARY**

**Epic Systems Expertise:**

* Extensive experience with Epic Clarity Report Writing, SQL programming, Crystal Reports, Slicer Dicer, and Cogito.
* Skilled in Cogito Administration, Epic Cogito upgrades (minor and major), and the full lifecycle of Caboodle custom data model components (design, build, test, deploy).
* Proficient in Cogito DMC configuration and Slicer Dicer maintenance.

**Data Integration & ETL:**

* Expert in developing and optimizing SSIS packages to extract data from Epic Clarity/flat files into Caboodle Data Warehouse.
* Proven ability to enhance ETL job performance and fine-tune complex SQL queries.
* Hands-on experience with Informatica PowerCenter, Informatica MDM, and Informatica IDQ (including transformations like Parser, Classifier, Standardizer, and Decision).

**Data Modeling & Warehousing:**

* Experienced in data modeling using Erwin, including Star Schema, Snowflake, and designing Fact and Dimension tables.
* Solid understanding of Slowly Changing Dimensions (SCD Types 1, 2, and 3).

**Reporting & Visualization:**

* Skilled in SSRS, Tableau, and Power BI—building visualizations including pie charts, donut charts, treemaps, and more.

**Database Development:**

* Strong PL/SQL and T-SQL skills across Oracle (12c/11g/10g), SQL Server, and Teradata (14/13/12).
* Proficient in writing and optimizing packages, stored procedures, triggers, views, and indexes.

**Scripting & Automation:**

* Expert in scripting with Shell (.sh), Perl (.pl), Python (.py), and file transfer protocols (FTP, SFTP).
* Experienced in file management across Linux and Windows environments.

**Methodologies & Collaboration:**

* Adept in Agile, Waterfall, and UML methodologies, including participation in Scrum practices and daily standups.

**CERTIFCATIONS**

* [Caboodle Data Model Certification](https://training.epic.com/Certifications)
* [Clarity Data Model Certification](https://training.epic.com/Certifications)
* Clinical Data Model
* Slicer Dicer
* Cogito Systems Administration
* Revenue Data Model

**Professional Experience:**

**Advocate Health Oct’2020– To-date**

**Epic Go-Live & Application Support Experienceer**

* Successfully participated in Epic Go-Live implementation, contributing to a seamless transition with minimal disruption to patient care.
* Provided on-site and remote support during Go-Live, ensuring users became proficient with new Epic functionality.
* Collaborated with cross-functional teams to troubleshoot and resolve issues during the Go-Live phase.
* Assisted in training end-users on Epic tools and workflows to ensure adoption and operational continuity.
* Used EPIC Bridgers and Integrated data from external EMR platforms (e.g., Casper, Cerner) into Epic, enhancing data accessibility and reporting accuracy.
* Provided ongoing support for key Epic modules and tools including:
  + **Caboodle**
  + **Clarity**
  + **Epic- Bridges**
  + **Reporting Workbench**
  + **Revenue- Professional Billing Reports.**
  + **Radar Metrics**
  + **SlicerDicer**
* Enhanced and maintained analytical dashboards and custom reports based on user requests.
* Utilized **NOVA Notes** to streamline communication and documentation workflows during both Go-Live and post-implementation optimization phases.

**Cedars-Sinai Medical Center**

**Epic Cogito BI Consultant Jun’2016 – Oct’2020**

* Developed and maintained reports across modules including Orders, Procedures, Appointments, Hospital Billing(HB), Professional Billing (PB), Ambulatory, and RevCycle.
* Deep knowledge in **Ambulatory Reporting**, Professional Billing (PB), **Reporting** (charges, coverage), and **Cadence Reporting** (new appointments, clinic cancellations).
* Built and validated Clarity and Reporting Workbench reports for Epic upgrades and next-site Go-Lives.
* Used Epic Hyperspace for validating, importing, and exporting data from development to testing environments.
* Supported build, testing, and implementation of **OpTime**, including Diagnoses, Treatment Teams, Imaging, ADT.

**Application & Tool Support**

* Supported key Epic modules:
  + **Caboodle**
  + **Cogito BI Reports**
  + **Clarity**
  + **SlicerDicer**
  + **Reporting Workbench**
  + **Professional Billing and Hospital Billing Reports**
  + **Radar Metrics**
  + **NOVA Notes**
  + **Epic Data Cubes (BPA, HB, PB, Appointment, Denials, Census)**
* Provided end-user training, ServiceNow ticket resolution, and Orion task management.

**Data Integration & ETL**

* Designed ETL pipelines using **SSIS** and loaded data from Clarity/flat files to Caboodle.
* Integrated heterogeneous data sources (Oracle, Excel, OLE DB) into SQL Server environments.
* Collaborated with Epic and source system teams on large-scale upgrades and ETL modifications.
* Implemented workflow and data integration solutions using **Informatica**, **Snowflake**, and **Alteryx**.

**OLAP & Cube Development**

* Developed and deployed **SSAS** OLAP cubes and custom reporting cubes for Epic data.
* Created and optimized OLAP components for business users to access high-performance analytics.
* Provided SQL performance tuning for Caboodle ETL and OLAP reporting by analyzing execution plans and resolving bottlenecks.

**Data Visualization & Dashboards**

* Built and managed Tableau dashboards, including Allergy Medication Index, Avoidable Hospitalization Days, and Patient Metrics.
* Led **Tableau release management**, deploying workbooks and data sources across Dev, UAT, and Prod.
* Designed Power BI dashboards using **DAX**, and converted Power BI reports into Tableau equivalents.

**Dignity Health - California Hospital Medical Center**   **Apr’2014 – Jun’2016**

**BI consultant**

* Experienced with Epic Cogito tools: **Record Viewer**, **Chronicles Text**, **Clarity Compass**, **SlicerDicer**, and **Epic Cubes** (BPA, HB, Professional Billing (PB),, Appointment).
* Built reports and dashboards using Epic Clarity and Caboodle data models for Appointments, Denials, Census, Revenue Cycle, and Clinical data.
* Extensively used Epic dashboards and Slicer Dicer for ad hoc analysis and operational reporting
* Designed and implemented ETL pipelines using **SSIS**, loading data from Clarity into Caboodle and SQL Server environments.
* Imported/exported heterogeneous data from **OLE DB**, **Oracle**, and **Excel** sources.
* Collaborated with Epic source teams to modify ETL logic in response to large-scale changes (e.g., upgrades, patches).
* Analyzed and optimized SQL performance, resolving bottlenecks in **IO**, **Memory**, **Index scans**, and recursive joins.
* Designed and developed interactive dashboards and data sources using **Tableau** and **Power BI**.
* Led Tableau release management from development through UAT to production.
* Created performance dashboards for Allergy Medication Index, Avoidable Hospitalization Days, and Patient Metrics.
* Developed Crystal Reports using advanced formulas, cross-tabs, command objects, and SQL expressions.
* Conducted campaign analysis for marketing teams, measuring promotion effectiveness, customer engagement, and ROI.
* Built performance dashboards to monitor campaign outcomes and influence strategic marketing decisions.
* Developed performance metrics for customer acquisition, retention, and return rates.

**OLAP & Cube Development:**

* Developed custom SSAS OLAP cubes and used Epic-delivered cubes for advanced reporting.
* Created reusable components, tools, and procedures for OLAP access and translation of complex datasets into actionable insights.

**Snowflake & Data Modeling:**

* Integrated CSV/JSON data models into **Snowflake**, improving query performance and data granularity.
* Managed cross-functional teams to align data modeling with business goals, improving analytics for retail operations.
* Resolved data inconsistencies and deprecated parameters across Inpatient, ED, Surgery, OB, and Transplant reporting.

**Cigna Health Care**  **Jan’2013 – Apr’2014**

**BI Developer**

**Responsibilities:**

* Led **end-to-end ETL architecture**, including requirements gathering, mapping documentation, workflow design, and migration strategies for legacy data feeds into the **Data Warehouse (DW)** environment.
* Built complex **ETL procedures** using **Informatica PowerCenter**, with a focus on data cleansing and transformation through **IDQ (Informatica Data Quality)**.

Designed and optimized complex mappings, leveraging **connected and unconnected lookups**, and transformed business rules into scalable ETL logic.

Conducted performance tuning on sources, targets, and mappings; used Informatica **debugger** and **Workflow Monitor** to resolve issues and enhance job efficiency.

Utilized **Informatica Workflow Manager** for validating, scheduling, and executing concurrent session workflows.

Applied **Informatica Data Explorer (IDE)** and **IDQ** profiling tools to:

* Profile source data and generate scorecards.
* Create and validate rules for business data quality requirements.
* Deliver clean, standardized data sets for analytics.

Implemented advanced IDQ transformations to:

* Parse and validate data from systems like **Salesforce** and **Touchpoint** (e.g., Financial Advisor, Institution records).
* Perform **address standardization**, parsing, validation, matching, and **consolidation** to identify duplicates and create **Master Records**.

Developed and configured **Oracle BI (OBIEE)** components:

* Created **Physical Layer**, **Business Model & Mapping**, and **Presentation Layer** using Oracle BI Admin Tool.
* Used initialization blocks to set up **session and repository variables** for dynamic metadata control.

Developed robust ETL pipelines using **SQL Server Integration Services (SSIS)**:

* Built logging frameworks at both package and task levels to monitor row-level metrics.
* Extracted and transformed data from **heterogeneous sources** into SQL Server targets.

Utilized **CVS** for version control and maintained detailed **release documentation** for deployments.

Developed **Python wrappers** for multi-threaded ETL execution, improving runtime performance and integration with other applications.

**COX Communications**   **Apr’2010 – Jan’2013**

**ELT Developer**

**Responsibilities:**

* Participated in all phases of the Software Development Life Cycle (SDLC), including requirements gathering, design, development, testing, production deployment, user training, and post-production support.
* Created and maintained ETL mappings using Informatica Designer tools such as Source Analyzer, Warehouse Designer, Mapplet Designer, and Mapping Designer.
* Followed structured change management processes for resolving application defects and deploying enhancements.
* Proactively identified issues and proposed solutions through analytical and evaluative problem-solving in dynamic, real-world data scenarios.
* Documented technical designs, data maps, and data quality components; conducted and maintained unit testing practices for ETL workflows.
* Produced and maintained technical artifacts such as data models, mapping documents, architecture diagrams, and data flow diagrams to support transparency and reusability.
* ETL, Reporting & Data Warehouse Tools
* Managed production, test, and development environments for SharePoint 2010, SSIS 2012, and SSAS 2012.
* Evaluated incoming data file submissions and built/maintained SSIS packages for ETL processing across large datasets.
* Developed SSRS reports, including drill-down, drill-through, matrix, and sub-reports, integrating advanced report-mapping functionality.
* Designed and implemented stored procedures, views, and optimized SQL queries to support SSRS reporting layers.
* Conducted reverse engineering of data models using SQL Developer Designer; improved schema designs by eliminating redundancy and applying appropriate constraints.

**PL/SQL Development & System Optimization**

* Re-engineered and documented key modules such as the **Customer Popup Application**, consolidating them into reusable **Oracle PL/SQL packages**.
* Enhanced system functionality through PL/SQL logic refactoring and dynamic data generation based on trade activity.
* Converted legacy logic into scalable, modular Oracle packages to improve maintainability and performance.