

Data Architect

ROBERT SMITH

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Objective

Supports all information technology database efforts. Implements physical changes to databases; code and test SQL, applying knowledge of database management.

Skills

SQL, Data Analysis, Data Modeling, Data Warehousing, Data Collection, Data Mining, Data Mapping, Data Processing, XML, PowerDesigner, Teradata, R.

Work Experience

Data Architect

Indiana University Health - 2013 - 2019

- Manage data and determine clinical functions that are suitable to build to ensure alignment with professional standards of clinical practice.
- Performing, identifying needed process changes, and developing future workflows related to the implementation of new solutions or functionality.
- Responsible for working to analyze, design, build, deliver and maintain Meta data, BI dashboards and other data extracts requested.
- Data models and architecture across the entire EMR, PLSQL table queries and design.
- Strong analytical and problem-solving skills and a willingness to work at a detailed level.
- Design methodology to meet client (internal/external) information needs for feasibility assessment.
- Provide technical and operational support in the delivery of custom data extracts.

Data Architect

ABC Corporation - 2008 - 2013

- Crystal Run Healthcare - Middletown NY The Project was to enhance and integrate Commercial off the shelf (COTS) web based Electronic Health Record (EHR) NextGen 5.5 software system and provide a better approach to documentation than conventional, paper based system.
- This software system increased access, eliminated illegible handwriting related errors, improve quality of care and security, reduced documentation expense and mitigate malpractice liabilities.
- The main features in this software included powerful search, virtual sticky notes, encounter based documentation and template text.
- Specialty module includes Allergy, Cardiology, Gastroenterology, General Medicine, pain management, OB-GYN and pediatrics.
- Analyzed plan requirements and then contributed further defining the plan requirements with client Data Architect.
- Observed the compliance of the requirements with federal and state government regulations Medicaid, Medicare, and accreditation body requirements.
- Brought changes for system design, methods, procedures, policies and workflows affecting Medicare/Medicaid claims processing in compliance with government compliance process like HIPAA/EDI formats and accredited standards like ANSI..

Education

Bachelor of Science in Computer Information Systems - (Purdue University at Indianapolis)