SIVA SAGAR KOTA
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PROFILE SUMMARY

- 8 years' experience in Database Design, Development and maintenance of database applications on SQL Server 2012/2016, SAS and Oracle 12g.
- Good domain knowledge on U.S. Healthcare (Medicare & Medicaid health plans, Quality measures of Accountable Care Organization, HORIZON, BCBS and AETNA, GPRO and MIPS Reporting, Claims, HL7 and CCDA files).
- Well acquainted with SQL, PL/SQL and T-SQL programming.
- Experience in developing and debugging complex stored procedures, dynamic queries, views, functions and triggers.
- Experience in SQL Server Performance tuning (Query Optimization, Fine-tune indexes, Analyze and understands execution plans and Table partitioning).
- Worked in designing ETL data flows using SSIS; creating mappings/workflows to extract data from SQL Server and Data Migration and Transformation from text/Excel Sheets using SQL Server SSIS.
- Experience in creating Ad hoc reports, reports with complex formulas using POWER BI and to query the database for Business Intelligence.
- Experience with Data flow diagrams, Database normalization techniques, Entity relation modeling and design techniques.
- As part of the team, was also involved through the Software Development Life Cycle (SDLC) from initial planning through implementation of the projects. Capable of handling responsibilities independently as well as a proactive team member.
- Flexible, enthusiastic and project oriented team player with excellent written, verbal communication and technical skills to develop creative solutions for challenging client needs.
- Basic knowledge of python programming.

TECHNICAL SKILLS

RDBMS	Microsoft SQL Server 2012 and 2016, Oracle 12g
Languages	SQL, T-SQL, PL/SQL and Python
BI /Data Tools	SSIS, SQL LOADER, SSRS and POWER BI
Database Tools	SQL Server Management Studio, SQLQueryStress, SQL Profiler & Extended events, SQL Server Business Intelligence Development Studio, SAS, TOAD and SQL Developer

CERTIFICATIONS

- AZ-900: Azure Fundamentals
- DP-300: Administering Relational Databases on Microsoft Azure

EXPERIENCE SUMMARY:

Company Name: Mitratech India LLP
Time Duration: October 2019 to till date (Full-time)

Mitratech is a proven global technology partner for corporate legal departments, risk & compliance teams, and HR professionals seeking to raise productivity, control expense, and mitigate risk by deepening organizational alignment, increasing visibility, and spurring collaboration across the enterprise. Mitratech partner with clients to design, develop, deliver and support the best legal, risk management, and HR software solutions around, so their departments can become hubs of efficiency, innovation, and excellence for the entire organization.

Company Name: InfoTech Global India Ltd
Time Duration: October 2013 to October 2019 (Full-time)

InfoTech Global India Ltd (is, a MNC headquartered in Piscataway, New Jersey) provides healthcare technology solutions and services, range of IT services that enable organizations to integrate diverse systems, translate data, enhance workflow, and improve overall administrative efficiency. IGI's outsourced services provide clients with a high value proposition for developing custom applications and application hosting, as well as streamlining & reducing the costs of managing certain back office or non-core business processes.

PROFESSIONAL EXPERIENCE

1. **Project Name: PolicyHub**

   Role: **Senior Database Engineer**

   Duration: **October 2019 to till date**

   Description:

   PolicyHub - Policy Management solution - from creating, approving, and communicating policies to intelligent distribution, knowledge assessments, and reporting relied upon by enterprises to simplify the considerable complexities of managing and communicating policies and procedures. PolicyHub policy management software not only saves time and improves efficiency, but it also provides an organization with a defensible compliance program.

   Responsibilities:

- Involved in Planning, Analysis, and designing of database.
- Working with the front-end team to provide them with the necessary stored

procedures, tables, views and other T-SQL queries.
- Resolving performance and deadlocking issues.
- Coordinating with clients and customer support team to resolve complex production issues and providing insights into the data.
- Data migration when onboarding new clients.
- Creating unit test cases using tSQLt framework.

Environment:

MS SQL Server 2016/2019, tSQLt framework, SQLQueryStress, Extended events, SSIS, Microsoft Visio, Jira, Jenkins, BitBucket, MS Office 2019, Windows 10.

2. **Project Name: Population Health Analytics**

   Role: Senior Database Developer

   Duration: April 2017 to October 2019

   Description:

   Population Health Analytics provides advanced reporting and analytics capabilities that easily identify at-risk population and stratify them into appropriate risk levels. It supports various reporting programs that include; MIPS/MACRA, HEDIS, DSRIP, MSSP ACO & various Payer Reporting needs. These reports help in identifying gaps in care and providing data on the gaps in care and risk factors within a panel; helping Providers engage better in Population.

   Responsibilities:

- Understanding Specification of Quality Measure rules and gathering data as per the requirement.
- Developed a dynamic code, using which we are able to run rules for 270 measures. The logic is controlled at the table level, so that we can easily and quickly implement new measures by using existing code.
- Created SSIS packages to extract the clinical data from eClinicalWorks and Allscripts databases, performed necessary data validations, transferred the data into meaningful format and loaded the data into MS SQL Server.
- Migrated the claims data from SAS database to MS SQL Server.
- By interpreting the data in SAS system, created an algorithm for extracting and converting the complex patient enrollment data into a standard format.
- Analyzed the existing application programs and tuned SQL queries using Execution plan, Query Analyzer, SQL Profiler and database Engine tuning Advisor.

   Environment:

MS SQL Server 2016, SAS, POWER BI, SSIS, SQL Profiler, SFTP, Microsoft Visio, MS Office 2013, Windows 10.

3. **Project Name:** **Care Management**

   Role: **Senior Database Developer**

   Duration: **July 2014 to October 2019**

   Description:

   The Care Management helps care managers with seamless coordination among case management, disease management, utilization and health and wellness functionalities. Care managers can proactively identify care opportunities, automatically stratify patients into risk categories and take actions based on automated alerts. The web-based interoperable Care Management solution is driven by evidence based care gaps that populate the patient care plans, case management notes, disease registries, and population risk scores.

   Responsibilities:

   - Involved in Planning, Analysis, and designing of database.
   - Coordinated with the front-end design team to provide them with the necessary stored procedures, packages and the necessary insight into the data.
   - Created Complex Stored Procedures, Tables, Views and other T-SQL queries.
   - Maintained data integrity by performing validation checks.
   - Involved in running the SQL Profiler for better execution Plans.
   - Developed the database scheduling jobs for data capture, updating statistics & rebuilding indexes.
   - Maintained the query performance by following the tips like normalization, identifying missing and unused indexes and table partitioning.
   - Developed the automated test scripts for performance testing of the database objects such as stored procedures and functions and saved a lot of testing cost for the company.

   Environment:

   MS SQL Server 2016, SSIS, SQL Profiler, MS Office 2013, Windows 10.

4. **Project Name:** **Health Information Exchange**

   Role: **PL/SQL Developer**

   Duration: **December 2013 to June 2014**

   Description:

   HIE is created for the purpose of improving quality and coordination of care; improving measurable outcomes and facilitating the exchange of healthcare information, while reducing costs of care by reducing the duplicity of services for the residents and access to important information for the residents of the city of Newark, a significant portion of which are not or underinsured, and its surrounding areas. This will

tangibly improve care to the significant Medicaid eligible population served by the participating entities and providers.

Responsibilities:

- Created Stored Procedures, Functions and Views for enchantments.
- Created SSIS packages to migrate data from Oracle to SQL Server.
- Worked on various tasks and transformations like Execute SQL Task, Execute Package Task, Conditional Split, Script Component, Merge and Lookup while loading the data into Destination.
- Worked on enhancements on existing Admin module in Oracle 12g.
- Data migration (Import & Export using BCP) from text files to SQL Server 2012.
- Created Stored Procedures for Ad-hoc reports generation.
- Extensively involved with the application development team in carrying out the Unit testing of the application and tuning of queries.

Environment:

MS SQL Server 2012, Oracle 12G, SSIS, Microsoft Visio, MS Office 2007, Windows 7.

EDUCATION

Bachelor of Technology (Computer Science and Systems Engineering) from Jawaharlal Nehru Technological University – Anantapur and graduated in 2013.