Miraj Sen

MS SQL Server developer and administrator

Bangalore, India.
+918884087321
mirajvsen@gmail.com

OBJECTIVE

More than 15 years of experience in designing, developing, maintaining, and administering databases and business intelligence supporting platforms. Good knowledge of SQL Server aspects and related technologies like SSIS, SSRS and SSAS. Proven experience as an SQL Server consultant participating in various activities like designing performance improvement plans for databases that supports transactional processing, assist developers to overcome their challenges by providing technical solutions and continuously improve by keeping abreast of latest technologies.

I also have the desire and willingness to explore and work on various new technologies that the client or Software product demands. Be it anything new on the block that involves Microsoft Cloud computing technologies like SQL Azure – I believe that I have the technical and analytical acumen to learn and adapt to leverage these newer technologies to realize a meaningful business case.

CERTIFICATIONS

Microsoft Certified Professional

Microsoft Certified Technology Specialist 70-448

Microsoft SQL Server 2008, Business Intelligence Development and Maintenance

LANGUAGES

English

TECHNICAL SKILLS

MS SQL Server 2005 - 2017
Windows Server
T-SQL
SSIS
SSRS
SSAS
Visual Studio
TFS
Performance Tuning
Index Internals
Data warehousing and reporting
Database Project Management

Software Engineer -- MS SQL Server Database administrator

MAY 2014 - PRESENT

Working as a database administrator and a database developer consultant.

Roles and responsibilities:

Provide sole 24 x 7 global support, maintenance, and monitoring for 20 + instances of MS SQL Server 2012 – 2016

Extensive experience in using Microsoft BI studio products like SSIS, SSAS, SSRS for implementation of ETL methodology in data extraction, transformation, and loading.

Expert in Data Warehouse development starting from inception to implementation and ongoing support, Strong understanding of BI application design and development principles.

Expert in designing Enterprise reports using SQL Server Reporting Services SSRS 2008/2008R2/2012 generated drill down reports, parameterized reports, linked reports, sub reports, matrix dynamics and filters, charts in SSRS 2005/2008.

Architect, install, configure, optimize, and manage enterprise-wide SQL Server instances.

Upgrade and patch instances as and when required.

Perform routine database migrations.

Set up automation with SQL agent and database mail for maintenance alerting and job failures.

Monitor systems and capture performance data to look for tuning opportunities using the following tools:

DPA from solar winds.

SQL Server profiler trace

Extended events

Diagnostic DMVs

SQL Sentry plan Explorer

Perfmon counters

Developed and maintained solutions for data migration and reporting using tools lie SSIS, SSRS and Power BI.

Philips Electronics, Bangalore — *Senior Software Engineer*

JUNE 2011 - JANUARY 2014

Roles and responsibilities:

Act as a developer consultant and designer, for the teams that are a part of Philips Remote Servicing applications development.

The activities include:

Assist developers in implementing solutions using SQL Server RDBMS, SSIS, and SSRS.

Identify and performance tune queries.

Analyse the root cause of the database related issues that developers face. Participate in the architectural design discussions and provide appropriate inputs.

Monitor and manage the database development environment

Monitor the source control of database development projects.

Achievements:

Introduced sophisticated versioning technique and deployment process for database development:

The versioning technique for database development that was used in the organization was not efficient. The same got matured by introducing the database projects available within TFS 2010.

Introduced Service Broker for asynchronous processing:

Philips healthcare remote service environment required a lot of asynchronous processing at the database level and they were performed by a queuing mechanism which was not efficient. I could improve the efficiency by introducing Service Broker.

Designed new data domains for improving the database design:

The applications within Philips healthcare were dependent on a monolithic database which had a lot of issues in design, performance, and maintenance. A new approach suggested by me could resolve majority of the issues, by dividing the database according to the functionality of data and creating multiple databases (we call them data domains).

SM NetServ, Bangalore— *Software Engineer*

AUGUST 2010 - JUNE 2011

Develop and maintain the business intelligence solution of Career Builder, built on SQL Server and its business intelligence platform. Career Builder owns a job portal.

Roles and responsibilities:

Gather and analyse the requirements of the business users.

Develop SSRS reports that provide the requested information and verify the report by presenting it to the users.

Do unit testing and deploy the reports developed.

Assist other developers to resolve the technical issues that they face.

AOL LLC, Bangalore— *Software Engineer*

AUGUST 2006 - AUGUST 2010

Handling the migration of Management Information Systems, from MS Excel and MS access to SQL Server:

MIS migration was a project to migrate the entire Management Information Systems reporting, done at Aegis Ltd. The MIS reporting platform was on MS Excel and Access and the project was to migrate the same to MS SQL Server.

Roles and responsibilities:

Have detailed discussion to the users of the existed reports.

Identify the data sources and design repository to store the information which would later be used for reporting.

Design and develop SSIS packages to extract and load data into the database created.

Develop and deploy SSRS reports to replace the existed reports developed on Excel.

Manage the SQL Server development Environment.

Handling the development of a WFM Portal:

WFM Portal was a web-based application to publish the numbers real-time to drive the call centre operations. The website was followed by all the operations manager to efficiently drive the performance delivered by their teams.

Roles and responsibilities:

Collected the requirements from the Work Force Management team and the business analysis team

Developed SSIS packages to fetch data from avaya, which are in the form of flat files

Prepared reports using SSRS and published through the website developed.

iSeva Systems, Bangalore— *Technical Support Engineer*

AUGUST 2004 - OCTOBER 2005

Provide technical support for Symantec Internet security products.

NTTF Electronics Training Centre, Bangalore — *Diploma in Computer Engineering*

2000 - 2003

A training involved in hardware design, system integration, software development for engineering and business applications, network solutions and IT-enabled applications. The course aims to provide strong basic engineering knowledge in the initial phase of study and later deliver in-depth coverage in the hardware, software, and networking domains.