**RESUME**

**Name:** Anand G

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**Professional Summary:**

 Overall 11+ years of experience in IT industry. Demonstrated knowledge and experience in planning, designing, installing, operating, managing and securing information technology infrastructure. Additional skills in team management.

Proven record of success diagnosing and resolving technical/customer inquiries. Able to clearly understand problems and find positive solutions through use of troubleshooting, critical thinking, problem solving, teamwork and communication

* **Designing, Configuring, Maintaining and Monitoring SQL Server (On-Premise), SQL Datawarehouse,Azure SQL Database.**
* Hands-on managing Azure Storage services – **Azure Storage Account, Azure Datalake**
* Experience in **DevOps/Cloud Ops**, **automation areas**.
* Hands-on Experience on **ARM Templates** for provisioning/Creating Azure objects.
* Completed **Artificial Intelligence** and **Machine Learning** Training from Cognixia
* Good understanding on Machine Learning Concepts
* Configuring Matrices Alerts/Jobs through Azure Portal and OMS.
* Experience in **Automating Azure Database Activities** using PowerShell scripts.
* Hands-on **SQL Azure Single Instance** and **Elastic Pools**.
* Provisioning, Monitoring, scaling, configuring & Troubleshooting SQL Azure Single Instances and Elastic Pools using **Azure Portal** and **Windows PowerShell Scripts.**
* Hands-on Experience on Creating, Implementing, Configuring, Monitoring and Troubleshooting **SQL Azure Data sync** & **Failover Group**
* Experience in **Backup/Restoring** SQL Azure DatabasesusingAzure Portal, Export/Import, SSMS, and Azure PowerShell.
* Experience in **Point-in-Time Recovery** of SQL Azure Databases using Azure Portal.
* Hands-on experience in **Moving/Copying** SQL Azure Databases using T-sql, PowerShell, Azure Portal.
* Database migrations from on-premises databases onto cloud SQL Azure using **DMA ( Data Migration Assitant),** **DMS (Data Migration Services)** – **Offline and Online** , **Backup / Restore,** **Import and Export Wizard**, **Managed Backups**, **AlwaysOn**
* Performed and documented standards and procedures for performing end-to-end database migrations
* Experience in using **Jenkins** job for **automating DBA** regular Tasks like **Export/Import**, **Rebuild/Reorg Indexes**, **Upgrading Databases** based on Application upgrade requests.
* Experience in using **Red-gate tools** for maintaining SQL Server Database versions using **Source Control** & **github repository**
* Experience in creating, monitoring and troubleshooting **SQL Databases & SQL Server VM’s** in Widows Azure
* Configuring, Implementing and Troubleshooting **AlwaysOn Availability Groups** on SQL Server VM’s on On-premise & Azure cloud
* Configuring high availability solutions **(Log shipping, Database Mirroring, Replication) a**nd monitoring them.
* Installing, Configuring and Troubleshooting **Windows Failover clustering** and **Sql Server Cluster**
* Experience in **upgrading/Patching** and **Migration of SQL Server environments**.
* Analyzing and Designing **Backup Strategies** based on **RTO & RPO**
* Experience in implementing **SQL Server security** and Object permissions like maintaining **Database authentication modes**, creation of users, configuring permissions and assigning roles to users.
* Experience in performance tuning **single query performance** and **application performance.**
* Created maintenance plans to perform index **de-fragmentation**, **re-indexing** and update the **index statistics**.
* Use **Dynamic Management Views** for performance tuning and troubleshooting sql server performance issues either database level or server level.
* Expertise in using **Performance Monitor**, **SQL Server** **Profiler**, **Activity Monitor** to resolve **Dead Locks**, **Long Running Queries** and **Bottlenecks** caused by complex Queries
* Experience in creating **Jobs,** **Alerts,** **SQL Mail Agent** and scheduling DTS and SSIS Packages.
* Experience in Installing, configuring and troubleshooting SSIS, SSAS & SSRS
* Experience in Team Management and ITIL process.

**Trainings/Courses Attended:**

* Successfully completed **Machine Learning** Course Module from **IIIT**
* Completed **Artificial Intelligence and Machine Learning Training** from Cognixia

**Work Experience:**

* Working as **Senior DBA – Manager** in State Street from Jan 2021
* Worked as **Technical Lead - DBA** in Future Focus Infotech Pvt Ltd from Sep 2019 to Jan 2021..
* Worked as **Principal Engineer** in Apttus, Bangalore from April’17 to Feb’2019.
* Worked as **Architect** in HappiestMinds Technologies Pvt Ltd, Bangalore from February’16 to Februaru’17
* Worked as **Consultant – Engineering** in GlobalLogic Inc., Bangalore from January’2014 to December’2015.
* Worked as **Team Lead** – Database in Microland Ltd, Bangalore from March’11 to December’2013.
* Worked as **Technical Lead** in Cognizant Technology Solutions, Pune from Jan’09 to Feb’2011.

**Technical Skills:**

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| --- | --- |
| **Operating Systems** | Windows Server 2000/2003/2008/2008R2/2012, RHEL 6.4, 6.6, 7(basics) |
| **RDBMS** | SQL Server, Oracle 11gR2 (Only Training) |
| **ETL Tools** | SSIS, SSAS, SSRS |
| **Big Data** | Hadoop & Hbase |
| **Scripting** | Powershell3.0, Python 3.6 |
| **Tools** | RedGate, Visual Studio SSDT |
| **Cloud** | Microsoft Azure |
| **Cloud Tools** | ADF, Databricks, Azure Synapse (formerly SQL Datawarehouse) |

**Previous Projects**

Title **: CRM RDP**

Technology **:** Microsoft Azure, SQL Database, Azure Devops, Visual Studio

Duration : September 2019 - Till Date

Role : Azure SQL DBA

**Responsibilities:**

* CI-CD deployment of Azure SQL Database
* Perform code reviews and deployment of code onto development, test and production environments.
* ARM Templates Terraform JSON file creation and modifications.
* Maintain/Monitor Dev/Int/Stg/Production environments
* Develops and tests SQL scripts and stored procedures to perform data maintenance in development, test and production environments.
* Designing Columnstore Indexes, Classical indexes and fine-tuning query performances.
* PowerShell and python Scripting
* Maintaining, Monitoring and Troubleshooting Azure SQL databases.
* Capacity Planning and Upgradation(service-tier)
* Helping Data engineers, Databricks developers, Reporting teams in improvising the application performance, performance troubleshooting.
* Participate in agile development processes including estimation, sprint planning, development, daily standups, retrospectives
* Creating and maintaining documentation.
* Point of Contact for Cloud related issues

Title **: Data Platform Engineering**

Technology **:** Cloud (Microsoft Azure), RedGate, Visual Studio

Duration : April 2017 – Feb 2019

**Responsibilities:**

* Maintain/Monitor Infrastructure for Dev/Int/Stg/Production environments
* Deploying sql scripts using SSMS, Batch Scripts & RedGate tool
* Automated Database upgrades using PowerShell and Jenkins
* Automated Database maintenance tasks using Python, PowerShell and Jenkins
* Provisioning Azure services Azure Portal, Automation Python and PowerShell
* Configured and monitor OMS(Operations Management Suite),Application Insights
* Experience in automating Azure services using ARM Template Automation
* Azure User management using Role Based Access Control (RBAC)
* Performed Data migrations using Azure Data factory, Import /Export Wizard.
* PowerShell Scripting
* Jenkins
* Maintaining, Monitoring and Troubleshooting Azure
* Capacity Planning and Upgradation(service-tier)

Title : **Ascend Learning Analytics**

Technology : Cloud (Microsoft Azure & AWS)

Duration : February 2016 – February 2017

Tools : Service-now, Jira

**Responsibilities:**

* Implementing, Testing and Documenting Cloud features
* Installing, Configuring and Cloud Services.
* Capacity Planning & build servers for Production, Development & Test environments on cloud
* Experience in attaching & detaching Standard and Premium Storage data disks on Azure
* Experience on Disk Cache Policy on VM’s
* Experience on configuring and implementing Storage pools & Stripe disks
* Configuring, Implementing and Troubleshooting AlwaysOn Availability Groups on SQL Server VM’s on cloud.
* Experience on Configuring, implementing and troubleshooting Encryption Standards like Always Encryption, Dynamic Data Masking, and Row-level security
* Supporting Production, Development and Testing Environments for On-premise
* Installing, Configuring and Troubleshooting AlwaysOn
* Monitoring and Troubleshooting Cluster servers (Active/Active, Active/Passive).
* Monitoring and Troubleshooting Maintenance and Application jobs.
* Involved and performed complete end to end database migrations from On-premise to Azure SQL Server VM using DMA (Data Migration assistant) and DMS (Data Migration Services).
* Backup /Restore, Import/Export wizards used for performing offline migrations.
* Upgrading and Patching SQL Server on-premise and Azure SQL Server VMs.
* Preparing standards and procedural documentations for client and internal teams.
* Raising and Implementing Change Requests and providing Deployment and Instruction documents.
* Liaising with Cloud Provider for Cloud issues & bugs.

Title : **Polaris Wireless**

Module : Ngmass App Testing

Technology : Hadoop 1.x, Hadoop 2.x, Hbase 0.98, Hbase1.0.1, Linux6.4

Designation : Consultant – Engineering

Duration : March 2015 – December 2015

Tools : Jira, Bug zilla

**Responsibilities:**

* Installation, Configuration and Troubleshooting Hadoop standalone/pseudo-mode servers
* Performing Sanity, Regression and SI Testing for Hadoop/Hbase application
* Setting up and Configuring Hadoop/Hbase clusters
* Monitoring and Troubleshooting Hadoop/Hbase clusters
* Scaling up data nodes from 4 to 8 Nodes
* Monitoring & Troubleshooting MapReduce jobs
* Created complete documentation for Installing, Configuring and monitoring documents
* Backup & Recovery of NameNode, Hmaster & Data Node servers
* High Availability Installation/Configuration and Testing for NameNode, Hmaster, Zookeeper, JournalNode
* Assisting Team members on Hadoop & Hbase Technologies

Title : **Polaris Wireless**

Module : Altus Database Testing

Technology : SQL Server 2008 R2, SQL server 2012 & SQL server2014

Designation : Consultant – Engineering

Duration : January 2014 – December 2015

Tools : Jira, Bug zilla

**Responsibilities:**

* Supporting Production, Development and Testing Environments
* Capacity Planning & build sql server & Databases for Production, Development & Test environments
* SQL Server Upgradation and patch management
* SQL Server Database migrations
* Performing Database Testing
* Installation, configuration and troubleshooting of 2012
* Monitoring and Troubleshooting Maintenance and Application jobs.
* Troubleshooting security issues.
* Created supported documentations for the database services.
* Performing Sanity, Smoke, Regression and SI Database Testing for applications
* Testing on Performance of the databases for the applications
* Comparing schema & Data on databases/sql servers
* Preparing and Executing Test cases/scenarios for DB testing
* Helping QA team in database bug fixing.
* Performing testing on Stored Procedures and T-SQL queries.
* Configuring and Monitoring Resource governor
* Configuring and Monitoring SQL Server & Database Audit.
* Grant privileges to users to access systems and databases.
* Establishing connectivity to databases and monitoring system performance
* Using Enterprise Manager and Query Analyzer to optimize the data flow
* Troubleshooting performance issues using DMV’s, Profiler and Perfmon.
* Performing Index tuning, Query tuning and application tuning.
* Writing T-SQL queries for Archival processes, Fine tuning procedures.
* Troubleshooting CPU, Memory& IO issues.

Title : **Serco - Sunguard Group**

Technology : SQL server 2000, 2005, 2008, 2008 R2, 2012

Designation : Database Consultant/Team lead

Duration : March 2011- December2013.

Tools : BMC Remedy v7, Lotus 6.5.

**Responsibilities:**

* Supporting Production, Development and Testing Environments for 18 Clients.
* Maintaining team and satisfying the business requirements of the clients.
* Installation, configuration and troubleshooting of SQL Server
* Configuring high availability solutions (Log shipping, Database Mirroring, Replication) and monitoring them.
* Installing, Configuring and Troubleshooting AlwaysOn
* Monitoring and Troubleshooting Cluster servers (Active/Active, Active/Passive).
* Monitoring and Troubleshooting Maintenance and Application jobs.
* Running imports/export utilities, off-line backup, on-line backup various SQL server Applications utilities.
* Working on DTS, Import and Export utility, BCP Utility and replication tool.
* Performed and documented Database migrations, Tables-level migrations.
* Troubleshooting security issues.
* Grant privileges to users to access systems and databases.
* Establishing connectivity to databases and monitoring system performance
* Using Enterprise Manager and Query Analyzer to optimize the data flow
* Setting up standby server, DR servers and monitoring them.
* Troubleshooting performance issues using DMV’s, Profiler and Perfmon.
* Performing Index tuning, Query tuning and application tuning.
* Performance Monitoring, estimate the number of users, CPU and Disk space requirement, identifying bottleneck and rectifying it, fine-tuned store procedures to improve performance, database loads performance improvements, proper setup of database files and file groups to boost performance.
* On call for the production database.