**Aravind Kukkadapu  
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**PROFESSIONAL SUMMARY:**

* Over 8+ years of experience in IT industry with over 5+ years of experience in deploying and maintaining SQL/MYSQL/MongoDB databases/DB projects.
* Good Understanding and Knowledge on cloud computing architecture, technical design and implementations including Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS).
* Good knowledge and experience on Cloud platforms like AWS and Azure.
* Experience in database backup concepts and options such as user-managed backup, operating system backup, cold and hot backup, full back up, incremental, and cumulative backups. Implementing backup and recovery strategies.
* Experience in configuring and maintaining SQL Always On high availability environments.
* Experience in installing SQL Server Reporting Service (SSRS).
* Experience in installing and configuring MySQL Workbench 8.0.
* Successfully managed high availability for production environment as MySQL DBA.
* Manage and maintain MongoDB servers across multiple data centers.
* Experience in installing and maintaining MongoDB on different operating systems.
* Experience in configuring 3 node Mongo Replica sets ensuring high availability.
* Performed database backups like full backup, differential backup, transactional log back up.
* Experience in configuring MongoDB Ops manager.
* Experience working in MongoDB Cloud manager and Atlas environments.
* Experience in upgrading older Mongo versions to latest versions.
* Ability to handle multiple tasks and capable of handling responsibilities independently as well as a proactive team member.
* Excellent Communication and interpersonal Skills when working with developers, project managers and application end-users.
* Creative and aggressive self-starter with integrative thinking skills, capable of forming and maintaining positive and productive working.

**TECHNICSL SKILLS:**

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| File System | ASM, SAN/NAS, Azure File Share, Azure Container. |
| **Operating Systems** | Windows 2008/2003 Advanced Server, NT & Windows 9x, Linux |
| Software Products | Oracle Applications (R12), Identity Management,  Connection Manager, Web logic 10.3, Oracle Internet Directory 11g, Times ten 11.2, (OEM). |
| Databases | Oracle, MySQL, Maria, SQL-Server, AWS, Azure, PCF, Informatica, Datastage, NOSQL (MONGODB). |
| Languages | SQL, PL/SQL, Unix Shell scripts, PowerShell Scripting, Python 2.6. |
| Terminal  Emulation | Putty, Telnet, FTP, TOAD, Secure CRT, MobiExtream |
| Tools | SSMS, My SQL Workbench 6.3, Oracle Enterprise Manager(11g & 12c), SQL loader, TOAD, DGMGRL, RMAN,CRS, SRVCTL,SQL Developer, MongoChef, Jenkins , Delphix-Jetstream, Netezza Aginity and Robo3T, Azure Portal, Azure DevOps. |

**PROCESS EXPERIENCE:**

Change Management:

* Maintain source code with proper versions.
* Provide required access to the repository for the team members, based on their roles.
* Maintain all project related documents, like Design documents, test cases, and release notes with correct and updated versions.
* Conduct Bi-Weekly audits to make sure all the configurable items are updated and in place. Use a standard checklist for this audit.
* Provided all the required documents during External Audits and represented the functional group in CMMi audit for the company.

Release Management:

* After the development and unit testing is complete, responsible for pushing the changes to UAT environment and testing the applications.
* Once successful, move the changes to QA environment. Here, the testing team will test the application and log the issues in the defect tracking system. We track down the issues in the tracking system to closure.
* We go ahead with the Production release and perform UAT with the users and work on the issues at run time.
* After the successful completion of UAT, the applications will Go Live to all the users, and we provide production support.
* All these processes include proper documentation as well, like High Level Design document, Detailed Design Document, Test cases, Release Notes etc.

**PROFESSIONAL EXPERIENCE:**

Client : State Auto Insurance & Companies  
Duration: Sep 2021 to Present  
Location: Columbus, Ohio  
Role : Senior SQL/My SQL/MongoDB DBA

State Automobile Mutual Insurance, informally known as State Auto Group, hosts a non-stop pool party. Through a constellation of subsidiaries, the company provides both personal and commercial property/casualty insurance in the US. It owns 61.9% of publicly traded State Auto Financial, which, in turn, holds a fistful of insurance subsidiaries. Collectively, the companies sell their products through approximately 2,600 independent agencies throughout the US.

Responsibilities:

* Provide development and design assistance to development and other application support teams.
* Coordinate and plan with Application teams on MongoDB capacity planning for new applications.
* Assisted with MongoDB sizing, query optimization, buffer tuning, backup and recovery, installations, upgrades, and security including other administration functions as part of profiling plan.
* Worked in installing and configuring Ops manager and Mongo Cloud manager.
* Monitoring and managing high availability replica sets using Ops manager and cloud manager.
* Migrate on prem MongoDB to Mongo Atlas.
* Managing and monitoring database using Atlas dashboard.
* Configuring MongoDB CPU, Memory auto scaling using Atlas based on performance.
* Used Studio 3T to create, access and modify databases.
* Installation and configuration of Replication Server, Master-Master Replication, Master-Master-Slave replication for production servers as well as database switchover to avoid downtime.
* Rectified the poorly written SQL & PL/SQL statements and resolved the performance Issues. Upgrade the latest Service Packs, Hot fixes, and Security patches on Database Servers.
* Analyze and administer database security, control and monitor user access, check and monitor database usage.
* Assist with Windows Server configuration and management as it relates to MS SQL Server installation and performance.
* Performed database performance analysis, capacity planning, system sizing and ongoing maintenance/tuning to ensure maximum performance on Netezza systems.
* Perform and manage daily database maintenance, monitoring and performance tuning tasks/jobs.
* Work with application development staff to develop database architectures, coding standards, and quality assurance policies and procedures.
* Implemented TTL and indexing based on collection data time duration.
* Troubleshooting database performance issues to avoid site down.
* Perform all database management responsibilities in Microsoft Azure for production and non-production workloads.
* Perform Administrative tasks in SQL Server using PowerShell script, including installation of SQL Servers.
* Provide database administration, performance tuning support for Markets Business
* Acts as an expert technical resource to client and development staff in all phases of the development and implementation process.
* Perform database hygiene and maintenance to ensure optimum performance.
* Performance monitoring & tuning.
* Recommend IT management changes to database design to improve process throughput and ensure performance as identified above.
* Work with vendors to provide and monitor provided services.
* Reviews database design and integration of systems, provides backup recovery and makes recommendations regarding enhancements and/or improvements.
* Evaluate and implement products to enhance existing database solutions (reduce costs, improve efficiency, improve performance)
* Interfaces with user departments remotely and on-site to assist in the implementation of work requests and provide operational support.
* Design, develop, maintain, and execute SSIS packages for database automation and cross network connectivity.

Environment : Microsoft SQL Server 2012/2008R2, DB2, Windows 2003 Enterprise server, Windows 2000 Advanced Server, Visual Source Safe 6.0, Oracle 11g ,12c, RMAN, Oracle Enterprise Manager, RAC, SSMS , MYSQL WB, MONGODB

Client : J.P. Morgan Chase & Co.  
Duration: Jul 2018 to Jul 2021  
Location: Hyderabad, India  
Role : SQL/MySQL DBA

J.P. Morgan Chase & Co. is an American multinational investment bank and financial services company. JPMC have been helping their clients to do first-class business for more than 200 years. The bank and nonbank subsidiaries of JPMorgan Chase operate nationally, as well as through overseas branches and subsidiaries, representative offices and subsidiary foreign banks. The Company's principal operating subsidiary in the United Kingdom is J.P. Morgan Securities plc, a subsidiary of JPMorgan Chase Bank, N.A.

Responsibilities:

* Provided 24X7 supports for Database administration, deployments/upgrades, DR, patching.
* Administration and management of the entire development, QA and production environment.
* Developed stored procedures, triggers in MySQL for lowering traffic between servers & clients.
* Managing/Troubleshooting MySQL 5.0.22 and 5.1.24 in production and developer environments on both Linux (5.0, 5.1) and Mac OS X.
* Install, configure, upgrade, and optimize MySQL databases to support Yahoo ads system, targeting, profiling, calendar services.
* Manage MySQL replication, lag monitoring, failover, slave promotion, backup, and recovery.
* Effectively configured MySQL Replication as part of HA solution.
* Developed stored procedures, triggers in MySQL for lowering traffic between servers & clients.
* Proficiency in Unix/Linux shell commands.
* Collaborate with development team on MySQL data sharding, query optimize, and setup.
* Conduct in-depth root cause analysis and implement proper solution.
* Identify, investigate, troubleshoot, and resolve site problems to avoid impact on the business.
* Performed installation, new databases design, configuration, backup, recovery, security, upgrade, and schema changes, tuning and data integrity.
* Assisted with sizing, query optimization, buffer tuning, backup and recovery, installations, upgrades, and security including other administration functions as part of profiling plan.
* Ensured production data being replicated into data warehouse without any data anomalies from the processing databases.
* Worked with the engineering team to implement new design systems for databases used by the company.
* Comfortable in writing map reduce programs to load data into MongoDB environment.
* Developed Scripts for transferring data from production server to testing/development servers.
* Performed MySQL Replication setup and administration on Master-Slave and Master-Master.
* Shell script is being used for some data migration and backend work management.
* Supporting management with different database related decisions.
* Handling Release management and user acceptance.
* Implemented custom Maintenance jobs-schedule to run daily and on weekends (tasks like rebuilding. Indexes, defragmenting Databases, Shrink Database, and Database complete backup).
* Created/developed Stored Procedures Triggers to handling complex business rules, history data and audit analysis.
* Responsible for applying newest service pack and hot fix to all the SQL Server.

Environment: Microsoft SQL Server 2012/2008R2, DB2, Windows 2003 Enterprise server, Windows 2000 Advanced Server, Visual Source Safe 6.0, Crystal Reports, SSMS, MYSQL WB, MONGODB

Client : SAIM Technologies PVT LTD  
Duration: Apr 2015 to Jun 2018  
Location: Hyderabad, India  
Role : Desktop Admin/Windows Admin

* Support end users at both office and at remote locations
* Supported OS: Windows XP, Windows 7, and WINDOWS 10
* Support MS Office 2003, 2007, 2010, and 365.
* Train/Support Outlook client, and Oracle ODBC connections.
* Support of Linux/Unix based query systems.
* Imaging computers and installing software applications.
* Experience with several Ticket systems: SNOW, and Remedy
* Build images using Norton Ghost 6.0 for loading desktops and laptops.
* Ensure Software licensing compliance on laptops and workstations. INTUNE/AUTOPILOT SCCM and MSDT.
* Unlocking and resting passwords.
* Resolve user issues with Azure and MS Active Directory.
* Quick repairing applications when crashing issues are reported.
* Supporting users by remoting into computer using RDC.
* Managing role-based access and privileges using Windows Active Directory.
* Cleanup of viruses and deploy corporate virus protection.