

# SOMESH K

Database Administrator

Solverminds Solutions And Technologies, Chennai, India, Cell:+ 91-8099239724  
someshvlsi@gmail.com

## Professional Summary

### Database Administration:

- 3 Years of Experience in the Field of **Database** Technologies across Linux and Windows platform.
- Experience in Mysql Db, SQL and Apache Web server.
- Having programming experience as a **MYSQL Developer/DBA** in Analysis and Develop.
- **Install, configure and upgrade** **MYSQL** database software's and related products.
- Great Experience on **Group Replication** replication in **MySQL**.
- Good knowledge in **Mysql Innodb Cluster**.
- I have great experience of deployments in releases to do DB changes in **MySQL**.
- Experience in **SQL** concepts like Indexes, joins, views, constraints, Set operators, Sub queries and functions.
- Good Experience in **MySQL backup, restore** using **mysqldump** and **Enterprise backup**.
- Defines and manage **Security** user roles, access and permissions to access database and other system resources.
- Experience in **Compression, Archive and Explain plan**.
- Knowledge in using **MYSQL** table engines i.e. **INNODB** and **MYISAM**.
- Good experience in working with **Linux** commands for managing **MySQL** databases and shell script for **MySQL** backups.
- Good knowledge in configuring **MySQL** database using **Global variables**.
- Good Experience in analyzing logs, reproduce issues and develop strategies.
- Highly motivated team player with good communication skills and excellent problem solving abilities.

### Automation:

- Having experience in automation using shell script and power shell.
- Replication status alerts using powershell.
- Mysql Installation automation using Shell script and Powershell.
- Daily backups scheduling, purging and monitoring.
- Long running queries alerts in all environments.

### Cloud:

- Having experience in **Azure (IAAS and PAAS)** and **AWS** cloud.
- Experience in creating **Mysql PAAS** environments in **Azure**.
- Having good experience on servers Pricing Tier.
- Good knowledge on connection security.
- Experience in **Mysql Server** parameters configuration in **Azure PAAS** service.
- Working experience in **Azure Mysql PAAS** services **Intelligent Performance**.
- Having good knowledge on creating new **Metrics**, monitoring and creating alerts.
- Good experience in creating **Servers auto shutdown** on daily basis, which uses to reduce the cost.

## Technical Skills

Databases	:	MySQL 5.7, MSSQL, Sybase
Cloud	:	AWS, Azure (IaaS and PaaS)
Clients	:	Workbench, SQLYog
Application Servers	:	Web Logic 10g/11g, JBoss EAP 6.2
Web Server	:	Apache
Languages	:	SQL, Shell script, Power shell
Monitoring Tools	:	App Manager, Mysql Enterprise monitoring
Ticketing tool	:	JTRAC, BACKLOG
Utility Tools	:	Super Putty, WinSCP, MobaXterm
Operating System	:	Linux Family and Windows Family.

## Professional Experience

- Currently working as **Database Administrator** in Solverminds Solutions and Technologies, Chennai from Dec 2017 to till.

## Education Qualification

- B.Tech in Jawaharlal Nehru Technological University from 2011-2014.

## Project Details

Product : MACK  
Clients : NYK,PACMAN,KLSM, MISUGA, FKK, MQJ, KENE, TEEKEY RHM, TEEKEY COMPASS and TEEKEY PRIME  
Environment : MySQL, Jboss, Linux and Windows.

### Roles and Responsibilities:

- Developed Data layer for the application.
- Developed stored procedure for Table Maintenance using OPTIMIZE TABLE statements, hence storage space reduces and improves I/O efficiency when accessing the table.
- Responsible for code reviews.
- Performance Tuning on a daily basis for preventing issues and providing capacity planning using MySQL Explain Plan.
- Created new database for the customer and export other monitoring scripts.
- Developed Data migration scripts considering the high volume data movement from the legacy system to the new system.
- Implemented Indexing and Security Confidential.
- Created SOPs for the release and deployment procedures.
- Implemented mail alerts to check Group replication status and desk space through power shell.
- Administration and management of the entire development, STG, QA and production environment.
- Performed installation, new databases design, configuration, backup, recovery, security, upgrade and schema changes, tuning and data integrity.
- Increased database performance by utilizing MySQL Configure file changes, multiple instances and by upgrading hardware.
- Ensured production data being replicated into slave database without any data anomalies from the processing databases.
- Designed databases for referential integrity and involved in logical design plan.
- Implemented database refresh using full export for table level and full database defragmentation, resulting improved performance and effective space management.
- Managed and resolved design issues during development stage. Worked closely with developers.
- Act as SME and provided after-hours support as needed for emergency or urgent situations.
- Generated reports from the database using SQL.
- Added more new features to existing analysis software tools.
- Worked as L2 DBA in our environment.

## Declaration

I hereby declare that the information furnished above is true to the best of my Knowledge.

Somesh K