



MYDBOPS SERVICES DECK

Meet Our Alpha Team



Karthik P R
FOUNDER & CEO



Kabilesh P R
CO-FOUNDER



Vinoth Kanna
CO-FOUNDER



Manosh Malai
CTO

Mydbops at a glance

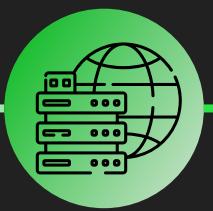
**8 YEARS OF
EXPERTISE**



**800 +
CLIENTS**



**6000 +
SERVERS**



**120 +
MIGRATIONS**



**ISO &
PCI-DSS
CERTIFIED**



**AWS
ADVANCED**



Consulting
Partner

Our Niche Services



Tech Team Certifications

OCP MySQL
Database Administrator

EDB (PostgreSQL)
Professional Certifications

MongoDB Certified DBA

PingCap Certified
TiDB Associate

AWS Certified
Database Specialists

OCI (Oracle cloud
Certified Engineers)

AWS Certified
Cloud Architects

Our Valued Clients



 airtel

 NYKAA

 Pepul™



 OLA

 Razorpay



 Flipkart

 Edelweiss
Ideas create, values protect



Are you next?

Our Premier Partners



partner
network



TiDB



mongoDB

Leading
CSPs

Technology
Partners

Pvt. Data
Centres

Service
Integrators

AI/ML/
API

Client Testimonials

ABHISHEK RAVI (CTO)



Mydbops really helped us scale 20X times in very short span. They are really good at Database Optimization, Security and Maintenance. Highly recommended

BINOY, DIRECTOR
DEVOPS



Mydbops team was very helpful in reducing the overall cost for the instances that Ola was spending for infra cost. The scope that we expected was achieved even before the committed timeline. What makes our team to astound is the commitment from Mydbops team. My trust of partnership with Mydbops has multi-folded with this engagement. Mydbops has helped Ola to save 1,49,091\$ (60%) from the given current spending that we pay for managing the cloud database instance monthly with zero performance impact.

ASHISH ARYA
(CO- FOUNDER &
CTO)



You guys have a great team with such a technical depth. We got 24*7 support always whenever needed. You guys have also helped a lot in implementing right processes & we gained a lot in terms of knowledge. It was a pleasure working with you guys.

SURESH KUMAR
(CEO - PEPUL)



You have done an excellent work . You guys have extensive experience and knowledge and have helped us and our team to fine tune the db. Thanks for all your sincere efforts by taking your time to come down stay with us and you have been so nice and collaborative with our entire team.

RAJESH PATEL
(VP, BIMSYM)



We went live on our AgentFront server with triple server Database server and we're proud to say it was a pretty seamless transition. All efforts only because of Mydbops Team . Everything migrated without any error and without any aggravation. Now we are 100% up and running without worry to lose of any data. We appreciate Mydbops support for our databases. Thank-you!

MOBIKWIK
TEAM



Mydbops team(Kabilesh) has emerged as a star in the making and has played an instrumental role in the smooth transition of projects like application data migration and analytics system stabilization. Mydbops team (Kabilesh) is proactive in his approach and is always ready to support the team. He did a great job and helped the team in improving Mysql performance well as database migration

Partner Testimonials

**YOGANANTH THANGARAJ,
(CO-FOUNDER)**



Thank you Mydbops for making database migration a cakewalk for us. Mydbops is a name to reckon with in database management and performance optimization for leading businesses. Keep up the good work of helping organizations achieve scalability and efficiency. Kudos to the entire team.

**DEBASISH PRAMANIK,
CLOUDCODES**



Mydbops team has in-depth knowledge of the subject specially with extremely large data set. We were facing issues with one of our customer database and we tried everything on the book to resolve it but the issue was still coming after few days. At this moment we contacted Mydbops team and they went through the overall db and understood the application. Mydbops team then came with the recommendation which when implemented resolved the issue for the customer. their understanding of internal DB really make them different from others.

LEADING CSP

By conducting POCs for upgrading the DB and OS version, calculating the Downtime, analyzing the impediments and risks attached to the upgradation process and suggesting mitigation plans for them. Yes, we would recommend Mydbops in our circle because of the following reasons : Quality of services, reliability and consistency, service and support, expertise and experience, ethical and sustainable practices.

LEADING CSP

Mydbops team has gone extra length in supporting our database requirements , Kudos to all the team members from customer success, partner management, sales , very special thanks to Aakash, Zahid and all the tech team who have been very supportive and solving issues quickly. Yes de nitely I would recommend to all those looking to get professional DBMS expertise. Appreciate Partner Sales Team's efforts in making this engagement much better at both ends.

Mydbops - Core Values

Scalability

Through integrity &
Unwavering Quality

Efficiency

Working with you as
part of your team

Performance

Your success is
our success

Stability

A rigorous approach and
best-practice technique

Our Service Categories

Consulting Services

- Short Term Engagement
- Time Bound Activity
- Predefined Scope
- Business Hours Support

Managed Services

- Annual Support
- No Vendor Lock-In
- Predefined Scope
- Round The Clock Support

DB Consulting Services

Consulting Services

MySQL	PostgreSQL	mongoDB
✓	✓	✓
✓	✓	✓
✓	✓	✓
InnoDB / Percona Cluster	Pgpool / PgBouncer, Patroni	Replicaset / Sharding / Atlas
✓	Cloud to On-prem	✓
ProxySQL / Maxscale	✓	✓
InnoDB, MyISAM, TokuDB, RocksDB	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓

DB Consulting Services

Monitoring Setup and Configuration

- Setup monitoring nodes
- Configure port opening to monitoring servers
- Obtain access credentials
- Enable polling for client servers
- Provide detailed audit report with recommendations

DB Managed Services

Managed Services

Periodic Performance tuning

Monthly slow query tuning

DB Security Hardening

Backup restore

24*7 Proactive monitoring

Automations for Archival, Partitioning

Unlimited Operational requests

Automations

WAL File management



Full/ incremental

In-house custom tools

In-house Custom tools

Schema Changes



Full/ incremental

In-house custom tools

In-house Custom tools



Vacuuming Process



Full/ incremental

In-house custom tools

In-house Custom tools

User Management Instance
Sizing & Oplog Tuning

Sharding & Replicaset



DB Managed Services

Monitoring Setup and Configuration

- 24 * 7 Support
- Enterprise Ticketing System
- Weekly / Monthly Support
- IM Support - Hangout / Slack



DREAM11

20x Performance
Scaling On Aurora
MySQL



Challenges

- Achieve Dynamic Scaling on Highest Range Aurora Instance
- DB Crash after 6K QPS

Mydbops Solution

- DB Optimization
- Schema Optimisation
- Partitioning for Scalability and Data Archival

Benefits

- 200K Transactions per Second Handling Capacity on Writer
- Zero Disturbance on Peak Season of Game
- Better Usage of Cloud Infra
- 20X Improvement Performance



50% Cut In The
Infrastructure Cost
With Seamless
MongoDB Database
Support For SaaS



Challenges

- Slow DB Response to Tackle Growth
- Alarming Cost Growth in Atlas Cloud Unstable Database Response
- Improve Customer Experience
- Heavy CPU Spikes on DB Round the Clock Support and Monitoring



Mydbops Solution

- DB Audit at System Level & WiredTiger Internals
- DB Optimisation
- DEVOPS Changes by DEVOPS Team



Benefits

- Reduced CPU Spike
- 50% Reduction in Infra Cost
- Improved Response Time with Optimised Queries
- 5-10X Improvement in Query Response
- Improved High Availability Solution
- 24*7 Support with our Remote DBA Team



Reduced Downtime, 5x Write Scale, Increased Availability, Enhanced Performance And Strengthened Security, Enhanced Data Security And Compliance With Industry Standards



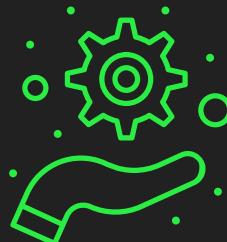
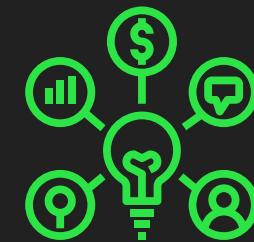
Challenges

- Write Lock Contention
- Storage Limitations
- Indexing Overhead
- Data Consistency and Integrity
- Scalability and Future Growth



Mydbops Solution

- Robust MongoDB Observability Solutions
- Advance MongoDB Audit
- Data Archiving and Lifecycle Management
- Capacity Planning and Optimisation
- Security Audits and Hardening



Benefits

- Reduced Downtime
- 5x Write Scale
- Increased Availability
- Enhanced Performance
- Strengthened Security





Transforming Database Scalability and Performance: A 5X Boost for Kreditbee with Mydbops Consulting



Challenges

- Scalability problem on DB server
- High Cost of Infra
- High availability solution to SPOF
- Need a better response time on Queries
- Better coverage on Database (24*7*365 days)

Mydbops Solution

- Database optimization and schema fixes
- Implemented partitioning for scalability
- Zero-downtime changes
- Upgraded PostgreSQL to Pg12 with BDR for High Availability

Benefits

- 20K transaction Per Second handling capacity
- Zero disturbance on peak transaction
- Better usage of Cloud Infra at a reduced cost
- No Single Point of Failure
- 5X improvement in performance
- Optimized queries scale better and faster
- Best DB archival policy to cope with compliance policy
- Much reduced DB load and smooth performance
- 24*7 Support with Mydbops Remote DBA team



Seamless Database Migration: MsSQL to Aurora PostgreSQL Transformation



Challenges

- SQL Syntax and Function Differences
- Incompatible Data Types
- Downtime Minimization during Cutover
- Optimizing Post-Migration Workload Performance

Mydbops Solution

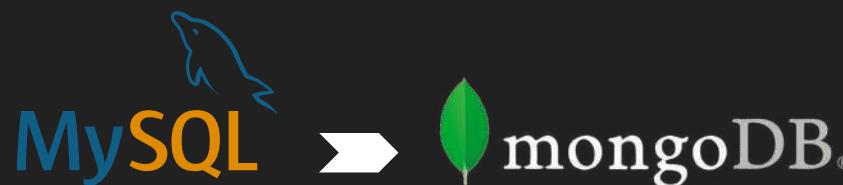
- Comprehensive Assessment & Planning
- Thorough Pre-Migration Testing
- Efficient Schema Conversion with AWS SCT
- Secure Data Migration & Synchronization with AWS DMS
- Adapting Applications for PostgreSQL Compatibility
- Performance Tuning for Aurora PostgreSQL
- Ensuring Robust Security and Compliance

Benefits

- Least Minimum Downtime
- Enhanced Database Performance
- Operational Cost Reduction
- Data Integrity and Enhanced Security
- Scalability for Future Growth



MySQL to MongoDB Atlas Migration: Gaming Revolution



Challenges

- Data Transformation to BSON Format
- Transaction Handling Variations
- Adapting to Schema-less Structure
- Real-time Data Synchronization

Mydbops Solution

- Thorough Assessment & Planning
- Efficient Schema Design and Data Modeling
- Seamless Data Migration Strategies
- Application Code Adjustment for MongoDB
- Effective Indexing and Optimization
- Robust Security Configuration
- Comprehensive Testing for Validation

Benefits

- Least Minimum Downtime
- Horizontal Scalability
- Enhanced Performance
- Flexible Data Management
- Automated Backups & Monitoring
- Global Data Distribution

Cloud Database Services



AWS Cost Optimization



AWS Performance Optimization
(Ec2/Aurora/RDS)



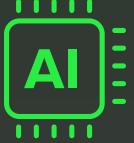
DB Migration
(Azure / AWS / OCI)



Performance Tuning
over OCI (Oracle Cloud Infrastructure)



DB Management
(AWS / OCI / Azure)



DB Solutions for
AI/ML workload
(Heatwave)

Scaling Database Operations

General enquiries



Partner enquiries



Reach us at info@mydbops.com



Thank You