

# ReOps

DevOps as a Service

Services catalog

with **ReOps**,  
your team can stay  
**focused** on delivering  
product;

While we ensure your  
**infrastructure** is  
**stable, secure**, and  
ready to **grow**.

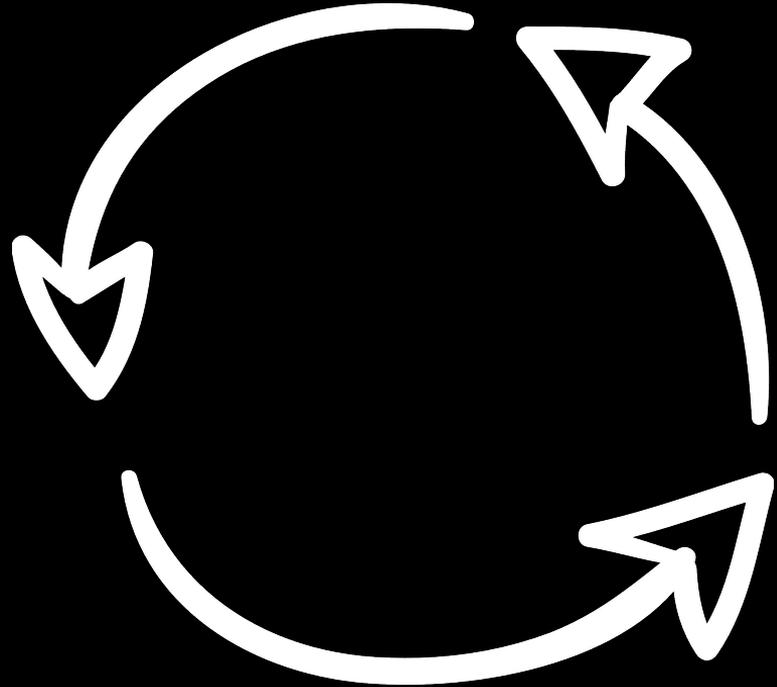
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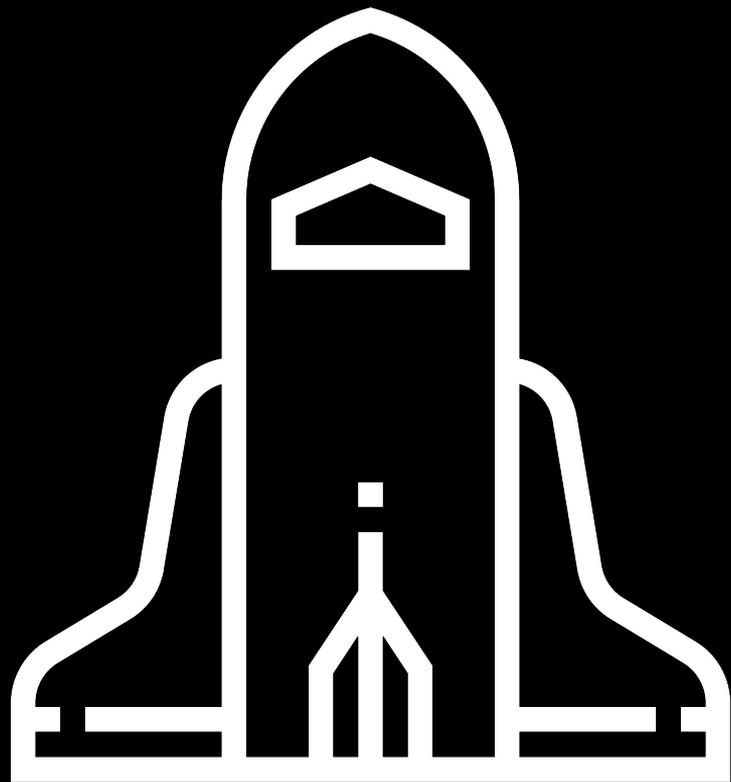
Why Teams Choose Us

# Remote-first DevOps:

ReOps is a remote-first DevOps-as-a-Service company built for modern product teams.

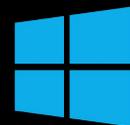
We help startups and growing software companies design, build, and operate scalable, secure, and cost-efficient infrastructure, without the need to hire and manage a full-time DevOps team.





## Startup-Friendly:

We understand the unique needs of startups and growing businesses, offering lean, adaptable collaboration models, quick turnaround times, and zero vendor lock-in.



# 24/7 Reliability

We help you design infrastructure that not only works today but can effortlessly scale as your business grows.

For peace of mind, optional SLA-backed support keeps your infrastructure monitored and resilient around the clock, so you can focus on what matters most.



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Services

# 2.1 Design

## → System Architecture

Engineer scalable, resilient architectures optimized for cloud and hybrid environments, ensuring performance, cost-efficiency, and adaptability to dynamic workloads.

## → Container Orchestration

Build containerized solutions with Docker and Kubernetes, designing orchestration frameworks that ensure seamless scalability, load balancing, and service discovery.

## → Disaster Recovery

Engineer robust disaster recovery (DR) plans and architectures, including backup strategies and multi-region failover, to ensure business continuity.

## → MLOps Pipeline

Design end-to-end machine learning pipelines, from data ingestion and preprocessing to model training, deployment, and monitoring, optimized for MLOps workflows.

# 2.2 Troubleshooting

## → Incident Resolution

Rapidly diagnose and resolve incidents in cloud, hybrid, or on-premise systems using advanced monitoring and root cause analysis (RCA) techniques.

## → System Failure Recovery

Quickly diagnose and fix system crashes or outages in cloud, hybrid, or on-premise setups using advanced debugging tools and root cause analysis.

## → Performance Bottleneck

Identify and eliminate performance bottlenecks in applications, databases, or infrastructure through in-depth profiling and optimization strategies.

## → Alert Fatigue Reduction

Analyze and refine monitoring systems to reduce false alerts, fine-tune thresholds, and prioritize critical issues using tools like PagerDuty or Grafana.

# 2.3 Monitoring

## → Infrastructure Monitoring

Track the health of cloud, hybrid, and on-premise infrastructure using tools like Prometheus, Zabbix, and AWS CloudWatch to monitor CPU, memory, storage, and network metrics.

## → Kubernetes Monitoring

Monitor Kubernetes clusters with tools like Prometheus and Grafana, tracking pod health, resource usage, and networking issues for containerized environments.

## → Incident Response Setup

Design smart alerting systems with tools like PagerDuty or Opsgenie, setting up actionable alerts and escalation policies to handle incidents efficiently.

# 2.4 Scaling

## → Dynamic Infrastructure

Configure auto-scaling infrastructure on AWS, Azure, or GCP, using tools like Terraform and Kubernetes to add or remove resources based on real-time demand.

## → Multi-Region Balancing

Set up global load balancers like AWS ELB or Cloudflare to distribute traffic across regions, ensuring low latency and redundancy.

## → Container Expansion

Scale Kubernetes clusters with cluster autoscaler and custom policies, balancing workloads across nodes to support thousands of pods.

## → Data Pipeline Scaling

Build scalable data pipelines with Apache Kafka or Spark, processing massive streams or batches for analytics and ML workloads.

# 2.5 Backup

## → Automated Backups

Configure automated, incremental backups for cloud infrastructure using tools like AWS Backup, Azure Backup, or Velero, with scheduled snapshots and retention policies.

## → Disaster Recovery

Design comprehensive backup plans for disaster recovery, including off-site storage and multi-region replication to protect against site-wide outages.

## → Database Backup

Implement backup strategies for databases like PostgreSQL, MySQL, or MongoDB, using point-in-time recovery and cross-region replication for data integrity.

## → Log Archive

Archive application and system logs with tools like Fluentd or AWS CloudWatch Logs Insights, enabling long-term storage and quick retrieval for audits.

# 2.6 MLOps

## → ML Pipeline Automation

Build end-to-end MLOps pipelines with tools like Kubeflow, MLflow, or Airflow, automating data ingestion, model training, and deployment.

## → Model Monitoring

Implement real-time monitoring for ML models, tracking accuracy, drift, and performance, with automated retraining using tools like Seldon or TFX.

## → Data Orchestration

Orchestrate scalable data pipelines for ML and analytics with Apache Kafka, Spark, or Dataflow, ensuring reliable data flow for AI workloads.

## → Model Integration

Integrate explainability tools like SHAP or LIME into ML pipelines, providing insights into model decisions for compliance and debugging.

# 2.7 SecOps

## → Infrastructure Hardening

We assess and fortify your AWS, Azure, or GCP environments against common misconfigurations and attack vectors.

## → Threat Monitoring

Deploy and manage monitoring tools to detect anomalies, intrusions, or malicious behavior in real time.

## → IaC Security Scanning

Automatically scan Terraform, CloudFormation, or Ansible code for security risks before deployment.

## → Compliance Frameworks

Build security baselines aligned with SOC 2, ISO 27001, HIPAA, or your industry's specific requirements.

# 2.8 DataOps

## → Database Performance

Analyze and optimize query performance, indexing, and storage for faster, more efficient applications.

## → ETL/ELT Automation

Automate data ingestion, transformation, and loading processes for analytics and BI systems.

## → Database Security

Implement encryption, access control, and audit logs to protect sensitive data and meet compliance.

## → Cloud DB Provisioning

Automate provisioning and scaling of cloud-native databases (e.g. RDS, Aurora, BigQuery, Snowflake).

# 2.9 FinOps

## → Cloud Cost Monitoring

Set up dashboards to track cloud spend in real time across teams, services, and environments.

## → CI/CD Cost Optimization

Reduce cost of non-prod environments, ephemeral workloads, and test runs during deployment cycles.

## → Sizing Recommendations

Analyze usage patterns and suggest optimal instance types, database sizes, or storage tiers.

## → Serverless Optimization

Analyze usage patterns of Lambda/Cloud Functions and optimize memory size, timeout, and invocation patterns.

# 2.10 Software Development

## → Project Consulting

Solve complex development challenges with our deep expertise and hands-on guidance.

## → Backend Development

Design fast, secure, and extensible APIs to power your platforms and integrations.

## → Microservices Migration

Architect and execute seamless migration from monoliths to flexible, microservice-based systems.

## → Legacy Code

Refactor and improve existing codebases for better performance, security, and scalability.

# THANK YOU

For inquiries, custom quotes, or to discuss your specific needs, please reach out to us at:

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reops.cloud

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