Facing Cloud Troubles? Let's Solve Them!

If your cloud costs are growing, and your cloud structure feels complex, you're not alone. Here's what we did for a VR startup to tackle these issues:

Three problems:

1. Rising operational costs and wasted resources management due to inefficient processes.
2. Lack of collaboration and communication between development and operations teams, leading to delays and inconsistencies.
3. Scalability issues and reliance on manual deployments, causing decreased efficiency and increased workload.

Our outcome:

- The cloud structure became **40% easier to manage.**
- There was a significant saving - cloud costs **went down by 30%.**
- The VR models performed better and scaled up easier, **showing a 70% improvement.**

Customer feedback: ★ ★ ★ ★ ★

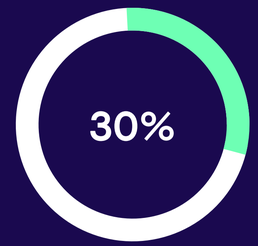
“Alpacked assisted us with a number of high-skilled tasks with setting up AWS, migrating previous systems to AWS and setting up a completely new infrastructure that has helped us and our clients from small startups to medium-sized businesses. The engagement was completed according to a set timeline and budget, meeting the expectations of the internal team.“

WINNING STRATEGY

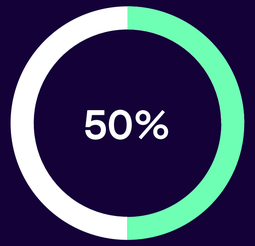
Solution #1: AWS EKS Fargate and AWS Lambda

- To cut operational costs we implemented AWS EKS Fargate and AWS Lambda.
- The first automates resource management, while the latter provides serverless computing.

Implemented AWS EKS Fargate and AWS Lambda, **reducing operational costs by 30%.**



Operational Costs



Resource Efficiency

Solution #2: Pulumi and 'Suspender'

- We boost efficiency with the proactive management with Pulumi, which provides an abstraction for simplified resource creation and management, while 'Suspender' enables scaling up and down the environment when necessary.

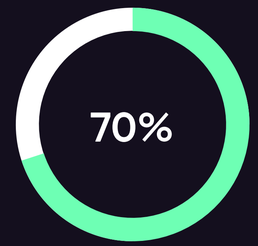
Used Pulumi and 'Suspender' tools, **improving resource management efficiency by 50%.**

Solution #3: AWS Aurora RDS

To increase scalability and performance we adopted AWS Aurora RDS. The service offers high availability, and scalability, and performs well under high workloads.

- It’s a fault-tolerant database service, so the client’s data is always available.
- Our client can easily scale up or down whenever necessary.

Employed AWS Aurora RDS, **growing scalability and performance by 70%.**



Scalability and Performance

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