Transforming Cloud Architecture from Roadblock to Benefit

About MyPoppins:
Connecting Cleaning Professionals and Customers Fast

MyPoppins helps people who don't have the time for tedious chores find cleaning professionals they can trust.

MyPoppins has a mission: connect cleaning professionals with eager customers needing their help. Their platform reached its limits, but they needed to scale and be able to accept more users. To grow, their cloud architecture would have to work for them instead of against them.

Technologies Used	Jenkins, AWS EC2 Instances, AWS Auto-Scaling Groups, AWS Launch Configuration, AWS Load Balancer, AWS RDS, AWS CodeDeploy, AWS S3, CloudFront

The Challenge
New Growth Required Modern, Scalable Architecture

As MyPoppins began to grow, it became apparent that their existing architecture wouldn't handle more users and traffic. MyPoppins was a young company, but already they felt the need for a modernized cloud solution that was flexible and scalable.

The new technology would have to support continued development of an existing platform. It was time for their cloud architecture to stop being a hurdle and start being a tool.

> "Thanks to Edrans, cloud infrastructure changed from one of our bottlenecks to one of our strengths. We can now grow without worries."
>
> **Rubén Vilar,**
> *CTO & Co-Founder at MyPoppins*

Our Approach
Rethinking the MyPoppins Cloud Deployment

MyPoppins' cloud deployment strategy wasn't keeping up. Their existing architecture was not only struggling under increased traffic and usage, but it lacked redundancy, security, and internationalization.

Edrans understood their needs immediately, and we set to work rethinking the MyPoppins approach to the cloud. We were able to utilize existing AWS elements and AMI configurations to move things along. We helped MyPoppins adapt their methodology to a scalable, load-balanced cloud deployment.

The Technical Story

We replaced their static website with an S3 bucket behind a CloudFront CDN. We moved the database to AWS RDS-Aurora with a master-slave configuration.

Jenkins, an open source continuous deployment tool that integrates nicely with AWS, automates software builds. With this system in place, MyPoppins can realize the benefits of continuous integration and delivery. The entire system is hosted behind AWS Auto-Scaling Groups so the application can scale quickly.

The Results
Cloud Architecture Helps a New Company

With a new approach to their cloud architecture, MyPoppins now has a modern technology stack that will drive their business forward. Auto-scaling means they can grow their user base and continue providing excellent service.

Their Drupal applications are now automatically deployed through Jenkins capable of spanning multiple EC2 servers. This gives them the flexibility and scalability that they will need for their future growth.

Edrans helps MyPoppins connect even more customers with professional cleaners.

edrans
BACK TO BACK

Visit us online at
www.edrans.com