



Check My Universe®

Tech with Purpose and Impact

AWS Cloud Migration from traditional data center- cost optimization and scalability of safe secured and scalable Cloud based childcare platform with web and iOS app.

Case Study

CLOUD BASED CHILDCARE PLATFORM WITH WEB AND IOS APP

Executive Summary

A legacy franchise model childcare academy provides childcare at affordable price and excellent quality care for newborn till grade 8 along with a great SEL based after school program.

They got updated cloud based childcare platform with web and iOS app. This childcare platform now uses digital tools for communication with their teachers and parents. Their platform was running on a legacy data center, and we helped to migrate it to secure, available agile cloud services using AWS. The childcare platform drastically reduced time to market while improving customer experience. The infrastructures laid the foundations for a move into new markets with scalability and almost zero -1 percent downtime.

A legacy franchise model childcare academy's digital transformation with cloud-based apps opened on the road to new markets with AWS Cloud

Challenge

A legacy franchise model childcare academy recently began to reimagine its business strategy. The available tools were not scalable, needed high maintenance and cost. They wanted to offer A legacy franchise model childcare services for each school with the most affordable price and security as a top priority.

A legacy franchise model childcare academy had historically relied on its traditional infrastructure requirements. Thinking about the future needs of the childcare academy and its expected growth with building robust web and iOS apps the childcare academy started exploring options for a cloud infrastructure that could support its evolving business vision as a fast-growing childcare academy.

Solution

They had clarity from executives at this legacy childcare academy to move their infrastructure to cloud especially for a robust web as well as iOS app for each daycare center. It has hundreds and thousands of users on the platform. They chose AWS cloud with a phenomenal robust infrastructure. High availability and uptime and speed are applauding for the academy and grow its franchise in 2022 and beyond.

It has not only reduced the cost but also streamlined processes and made application run for scalability in future.

Process

The company started with considering AWS cloud as our best option. They wanted to make sure that their legacy application and its code and design is not affected in any way as they migrate to cloud. A well architected plan with high resilience and highly available is a game changer. The company's tech team and AWS Architect used VPC's, subnets, EC2 servers, RDS Aurora My SQL S3, XCode and lambda for iOS app.

Their digital tools are now, using AWS Database Migration Service, Amazon Elastic Compute Cloud ([Amazon EC2](#)), and Amazon Relational Database Service (Amazon RDS)

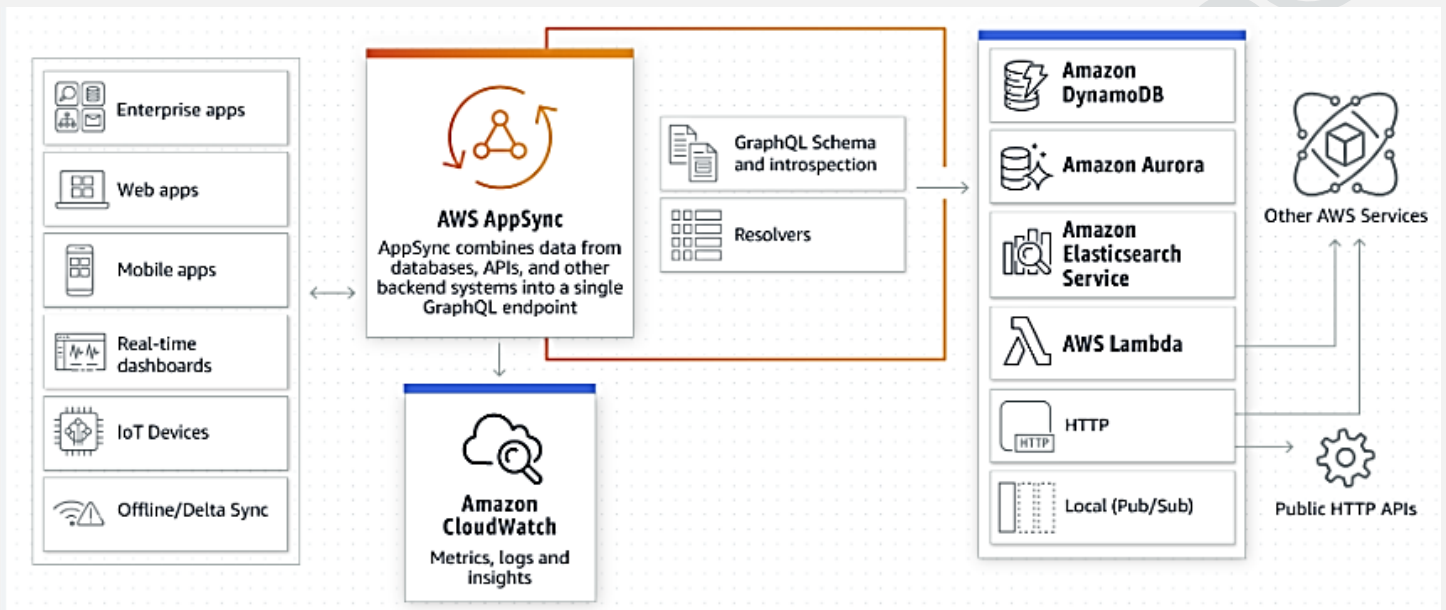


Figure 1. A legacy franchise model childcare academy's Migration to AWS cloud for web and app

Results

As a result of clarity from the director of the childcare academy of what they wanted to achieve, the process was smooth, and the results were applauding. With their cloud migration and cost optimization synergy and architectural plan, Check My Universe team migrated their legacy application and built an iOS app. It helped the childcare academy to discover their strengths in the existing digital transformation and capture new markets and grow their franchise academy's revenue.

The applications are found to be robust well architected for AWS migration. Its core focus was to bring in cost optimization and streamlining operations with flexibility that AWS cloud migration has to offer. We advocate migration for any small-medium or legacy application.

- The legacy franchise model childcare academy's director and operations officers and teachers are satisfied with uptime and speed
- Changes the game with franchise owners to gain trust on security, risk and privacy especially for sensitive academy data
- Hours of work take now only 8 minutes now
- Productivity of their team is at par and franchise sales boosted in next 4 months by double.

“The director was so forward thinking and took an exceedingly small looking matter of web and app into growing this franchise model in such a brilliant manner. The results are astonishing because I wasn't expecting the sales to be growing double. The strong visionary director had a super plan using this technology transformation has a strong strength of selling their franchises and I'm glad they are doing so great.”

“As I always say people are at the core of successful cloud migration and this daycare director is a notable example and inspiration for me.” says Mona Chowhan, President and CEO at Check My Universe® LLC

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