AWS Cloud Migration from traditional data center- cost optimization and scalability of safe secured and scalable Social Media for Education solutions application.

Case Study

SOCIAL MEDIA FOR EDUCATION™ AND SOCIAL MEDIA FOR ENGAGEMENT

Executive Summary

Check My Universe, Social Media for Education provides digital tools for communication and collaboration to K20 and organizations. It was running on a legacy data center and the company migrated it to a secured, highly available and agile cloud services using AWS. The company 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 downtime.

Check My Universe Digital Media Tools on the Road to New Markets with AWS Cloud

Challenge

Social Media for Education is a digital tool of communication from an emerging premium software development company Check My Universe ® LLC. Check My Universe recently began to reimagine its business strategy. The available tools were not scalable, required high maintenance and cost. They wanted to offer Social Media for Education for each school with the most affordable price and security as a top priority.

Check My Universe had historically relied on its traditional infrastructure requirements. Thinking about the future needs of the company and its expected growth with communication tools like Social Media for Education™ and Engagement™, the company started exploring options for a cloud infrastructure that could support its evolving business vision as a fast growing premium software company.

Solution

They had clarity from executives and tech team at Check My Universe to move their infrastructure to cloud especially for a robust Social Media for Education for each school. 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 digital tool like Social Media for Education. 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 the Social Media for Education™ and Engagement™ application and its code and design is not impacted 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.

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

"We got what we wanted, scalability in safe and secured way, with all the student and teacher data, we got confident with what we discovered. Therefore, we leaped in with confidence. The infrastructure to achieve a better total cost of ownership model, and reduce the maintenance, complexity and risk- we are confidently getting qualified for our products and our customers love it." says Vishnu K Agrawal, Check My Universe, Head of Technology, and Certified AWS Solutions Architect

Results

As a result of clarity in what the company wanted to achieve with their digital tools of Social Media for Education™ and Engagement™, it helped to discover their strengths in the existing digital communication applications and found a robust well architected AWS migration. Its core focus was to bring in [cost optimization](#) and streamlining operations with flexibility that AWS cloud migration has to offer. They advocate migration for any small-medium or legacy application.

• The school district, superintendents, principals and teachers are satisfied with uptime and speed

• Changes the game with customer trust on security, risk and privacy especially for sensitive school data

• Hours of work take now only 10 minutes now

• Productivity of my team is at par

"*What I like the most is increased reliability and availability—both key metrics in ensuring the consistent, low-latency user experience intended to cut the rate of churn among the people in the company as well our happy B2B customers. Any Executive may love to migrate to AWS cloud"* says Mona Chowhan, President and CEO at Check My Universe® LLC