



## CASE STUDY



# CLOUD INITIATIVES TRANSFORMS THE TECHNICAL CLASSROOM

**Cloud Initiatives** provides transformative cloud technology solutions. They developed the CourseMatix product, a platform for education customers to deliver remote learning, assessment, & analytics.

## Challenge

With the increasing number of courses, concurrent users, and various lab environment tools, Cloud Initiatives' customers faced challenges with application reliability, deployment automation, and infrastructure scalability. In order to solve for these, Cloud Initiatives created the CourseMatrix platform, which enables technical colleges to deliver modern computer information systems and computer science curricula. In order to deliver services at scale, Cloud Initiatives needed to migrate their hybrid platform entirely to the cloud.

## Result

- Migrated the entire CourseMatix platform to GKE on Google Cloud and set up a seamless container orchestration process
- Simple and declarative model for complex deployments, enabling Cloud Initiatives to scale to support any number of students

## Benefits



Reduced bulk assignment grading time from the original **6 hours to 35 minutes**



**Zero downtime** since the transition for Cloud Initiatives & its customers on platform

You can find out more about this collaborative effort on Google's recent blog post [here](#).

