



## HOW AN APPRENDA CUSTOMER IS

# RAPIDLY TRANSFORMING A MONOLITHIC APP INTO 150 MICROSERVICES

### INDUSTRY

Banking

### REVENUE

\$4 Billion USD

### LOCATION

Middle East

### PROJECT OBJECTIVE

- Modernize and migrate 150 microservices applications
- Improve SDLC agility through automation and streamlined workflows
- Optimize utilization of underlying IT infrastructure

### USE CASE

App Modernization

Compliance

Data center

SaaS Enablement

Cloud Native

DevOps

### APP LANGUAGE

.NET

Java

### PLATFORM OPERATORS



### PROJECT CHAMPIONS



CTO



App Dev



IT Ops



DevOps

### PROJECT TARGET

### PROJECT ACTUAL

0.22

APPS PER DAY  
modernized/migrated

1.7

APPS PER DAY  
modernized/migrated

### RESULTS

# 8X FASTER

### PROJECT STATUS



The organization needed to modernize a large monolithic “gateway” .NET application. The app was composed of 150 services that had not been written to be cloud-enabled. The services were business critical – including services such as cardholder information, transaction history and card processing – but were problematic to update and consumed expensive infrastructure resources in a very inefficient manner. To provide some context, due to the monolithic nature of the application, it had to be scaled to 8 instances in its entirety, regardless of the individual resource requirements for each independent service. This was far from optimal and so the organization needed to find a better way.

The organization engaged Apprenda to implement our cloud platform and execute a 5-week CloudRise program, a tried and tested services engagement that helps to deliver digital transformation to large organizations in a systematic way. In this case, it is to modernize existing custom applications, deploy micro-services based architectures and build out an agile SDLC.

After a productive two weeks on-site – which included user training – the Apprenda team achieved the client’s goal of onboarding eight applications and migrating them to production environments. The original target was to onboard 0.22 applications per day over a 5-week period, but the actual result was eight applications on-boarded in just two weeks, at a rate of 0.57 applications per day. That is almost 3-times quicker! That momentum has actually accelerated and, after six weeks, applications are being modernized and migrated at a rate of 1.7 applications per day (8-times quicker than target). Furthermore, the work is being fully led by their internal team.

### CURRENT STATUS:

At time of writing the internal team has modernized and migrated 51 apps in 6 weeks.