App Modernization With Containers And Kubernetes For Collabration Platform

About Company:

This USA based company provides a collaboration platform built for the new marketing teams of the world's most exceptional brands. With a wide range of customers, they are market leaders to create campaigns with confidence, streamline the review process, improve the facilitation of content and seamlessly integrate with a team's preferred distribution method

Country:
United States

Industry:
IT & ITES

Organization Size:
Medium (50-999 Employees)

Solution:
Modern Application

Products & Services:

- Azure Application Gateway
- Terraform Docker
- Azure Kubernetes services
- Azure Redis Cache
- Azure PostgreSQL

Connect with IFI Techsolutions:

http://ifi.tech | engage@ifi.tech

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Project Summary

This company's platform tears down silos reduce complexity and connect groups across the enterprise for winning results. The growth of the AppDynamics Demo Platform resulted in an infrastructure that had become larger and more difficult to manage without a real orchestration tool. They were looking at the possibility of converting their Docker applications to Azure Kubernetes Services and reaping the benefits of it. IFI Techsolutions accepted the challenge given to them to help the clients do the needful.
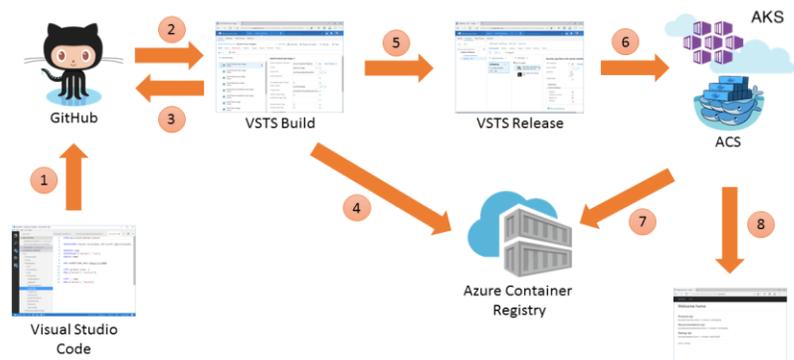
Challenge

The client's current environment was on AWS and had become costly, complex and difficult to maintain over time. They evaluated and explored many cloud providers and decided to expand over from AWS to Microsoft Azure for cost-saving and ease of use cloud solutions. Challenges were faced when analyzing the client's development and production environment as it is a huge organization. Assistance was needed when setting up path-based routing. Also, keeping the modernization process seamless, while making sure that each phase completes within the set timeline to avoid impact on ongoing projects was a challenging but not impossible task.

Solution

We assigned an expert team of consultants, engineers, and developers to plan the entire architecture in Azure. Following through the thoughtful evaluation process, we documented requirements that were creative, business-savvy, technical, secure and financially pleasing. We did an in-depth analysis of their complete on-premise infrastructure, networking, and dependencies between systems and built and implemented a new environment with development and deployment categories using Terraform.

IFI TECH

Azure

We helped setup a path-based routing in Azure Kubernetes Services which used Azure Application Gateway and utilized all resources provided by the clients to build an optimized infrastructure and automate the same in Azure Kubernetes and Container Orchestration by going in-depth of the configurations of the Docker Swarm files to Kubernetes files.

About IFI Techsolutions

IFI Tech is a born in cloud **Microsoft Gold Partner** and a **Cloud Solutions Provider (CSP)** setup by ex-Microsoft employees to help global customers ranging from Enterprises to SMBs and Start-ups with their digital transformation journey.

- 6 Years in Business
- 310+ Projects Delivered
- 230+ Clients Transformed

- 50+ Professionals
- 2900+ Servers Migrated
- 35,000+ Consulting Hours

Here are a few ways in which we can help you:

- ✓ Free Cloud Strategy & Roadmap
- ✓ Free Azure POCs
- ✓ Free Migration Services – any Datacenter to Microsoft Azure
- ✓ 3 Months of Free 24x7 Expert MSP Services
- ✓ Free Azure Infrastructure Review & Optimization
- ✓ Free assessment of identifying workloads to move to Azure

Next Steps

- Connect with us

For more information about Modern Application, go to:
https://ifi.tech/solutions/Modern- Applications/