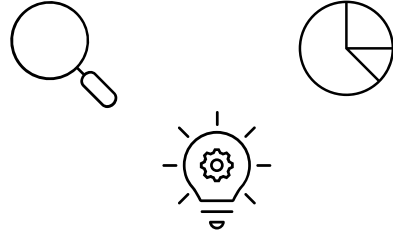# CODINCITY
CODING THE FUTURE

APP MIGRATION & MODERNIZATION SERVICES

(CODINCITY OFFERINGS & CUSTOMER SUCCESS STORIES)

CODINCITY – MIGRATION & APP MODERNIZATION SERVICES

MIGRATION & APP MODERNIZATION ASSESSMENT

MIGRATION & APP MODERNIZATION SERVICES

| Technology & Application Discovery	Cloud Foundation Services
High Level Analysis & Recommendation	Modern Languages – Micro services
Directional Business Case for Modernization	Transform Backend with API
Detailed Analysis of workload and design patterns	Re-Architect (Big Bang or Strangler) Legacy Applications
Migration & Modernization Roadmap	Cloud Native Database Migration
Maturity Assessment of DevSecOps	Cloud Native – CI/CD Deployment & Migration

Technologies

CODINCITY ACCELERATORS - MIGRATION & MODERNIZATION SERVICES

MIGRATION & MODERNIZATION ASSESSMENT
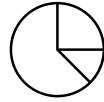
MIGRATION & MODERNIZATION SERVICES

Our Differentiators & Accelerators

CodinBuilder
A Solution accelerator for Implementing CI/CD DevOps with Cloud Native Platform

CodinGarage
A solution accelerator for cloud life cycle management

CodinMigrate
A Proven Framework for migrating & modernizing applications

CodinScan
Blueprint document for each & every application that gets migrated and modernized.

Our clientele

CORESTACK
matilda cloud
newage
SOFTWARE & SOLUTIONS
PICTORY
VBRIDGE HUB
UD TRUCKS
TATA TECHNOLOGIES

LEGACY MODERNIZATION - SAMPLE CUSTOMER USE CASES

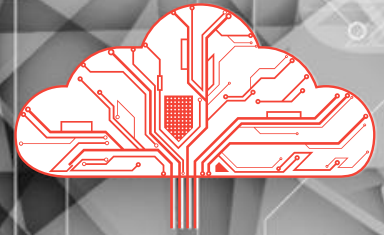| Architecture Transformation	Modern Architecture Patterns	• Strangler Pattern • Microservices Based • API Based Architecture	TATA TECHNOLOGIES VBRIDGE HUB
Technology Transformation	Next Gen Software Products	• Angular/React • Python, Java • .NET Core • GO	CORESTACK TATA TECHNOLOGIES
Platform Transformation	Modern Platform Solutions with Cloud Native Platform	• Containerization • CI / CD Enablement • Serverless Platform • API Services	newage SOFTWARE & SOLUTIONS PICTORY Singlife with AVIVA

CODINCITY
CODING THE FUTURE

APPLICATION MODERNIZATION
CASE STUDY

Modernizing Legacy Learning Management System with Microsoft Azure

TATA TECHNOLOGIES | iGET IT

ABOUT THE CUSTOMER

Tata Technologies Limited is a 560M USD company in the **Tata Group,** has a **B2B & B2C learning management system** that offers online self-paced training courses for students, professionals and universities. It provides the largest library of online training and tutorials for extensive MCAD/PLM training, automotive, and other industry-focused engineering courses.

BUSINESS OBJECTIVES

- Modernize the legacy app into new Age Learning Management Platform
- Improve the global user base and increase the revenue size to 3x in FY'25
- 6X universities and 3X partners to be added part of campus & reseller programs
- Accelerate the mean time to on-board new universities and partners

APPLICATION MODERNIZATION AVENUES

- Competency based skill framework
- Hybrid and personalized learning path integrating external sources
- Manage mandatory training and compliance
- New and Improved UI/UX with engaging chatbot support
- New age content aggregation with Udemy, LinkedIn learning and collaborative learning with Microsoft Teams
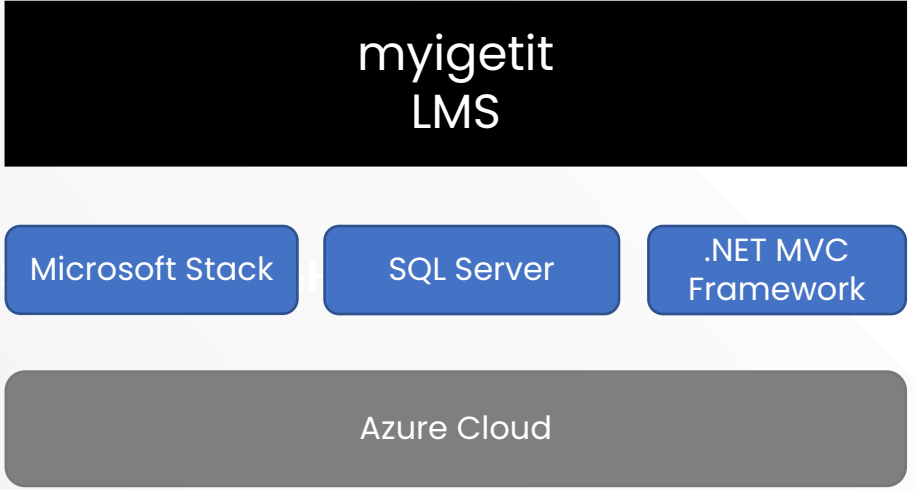- AI based recommendations based on roles and learning history

LIMITATIONS OF EXISTING LEARNING PLATFORM
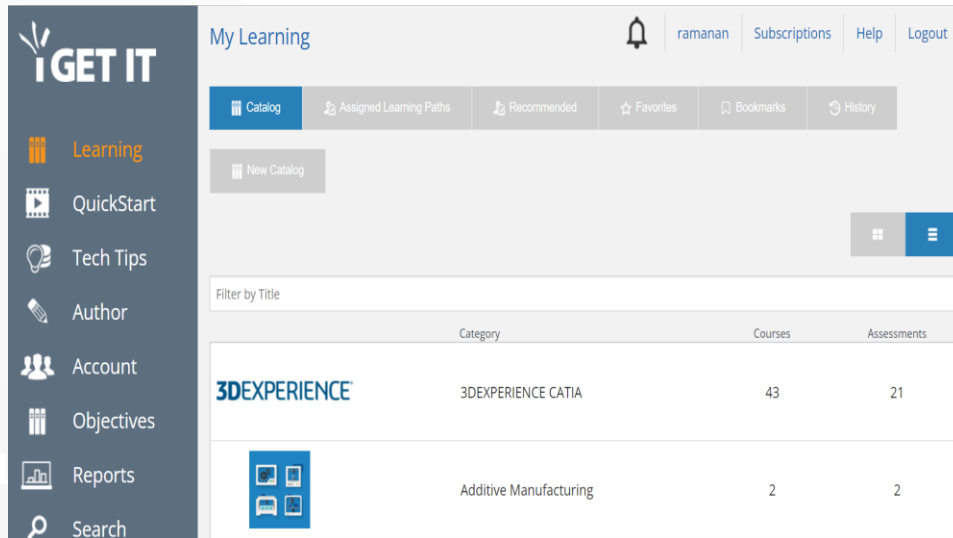
- Lacks the current technology trends
- UI/UX is non-intuitive
- Less customized learning Path
- Fewer insights on the Learning progress
- Only app-based login is available
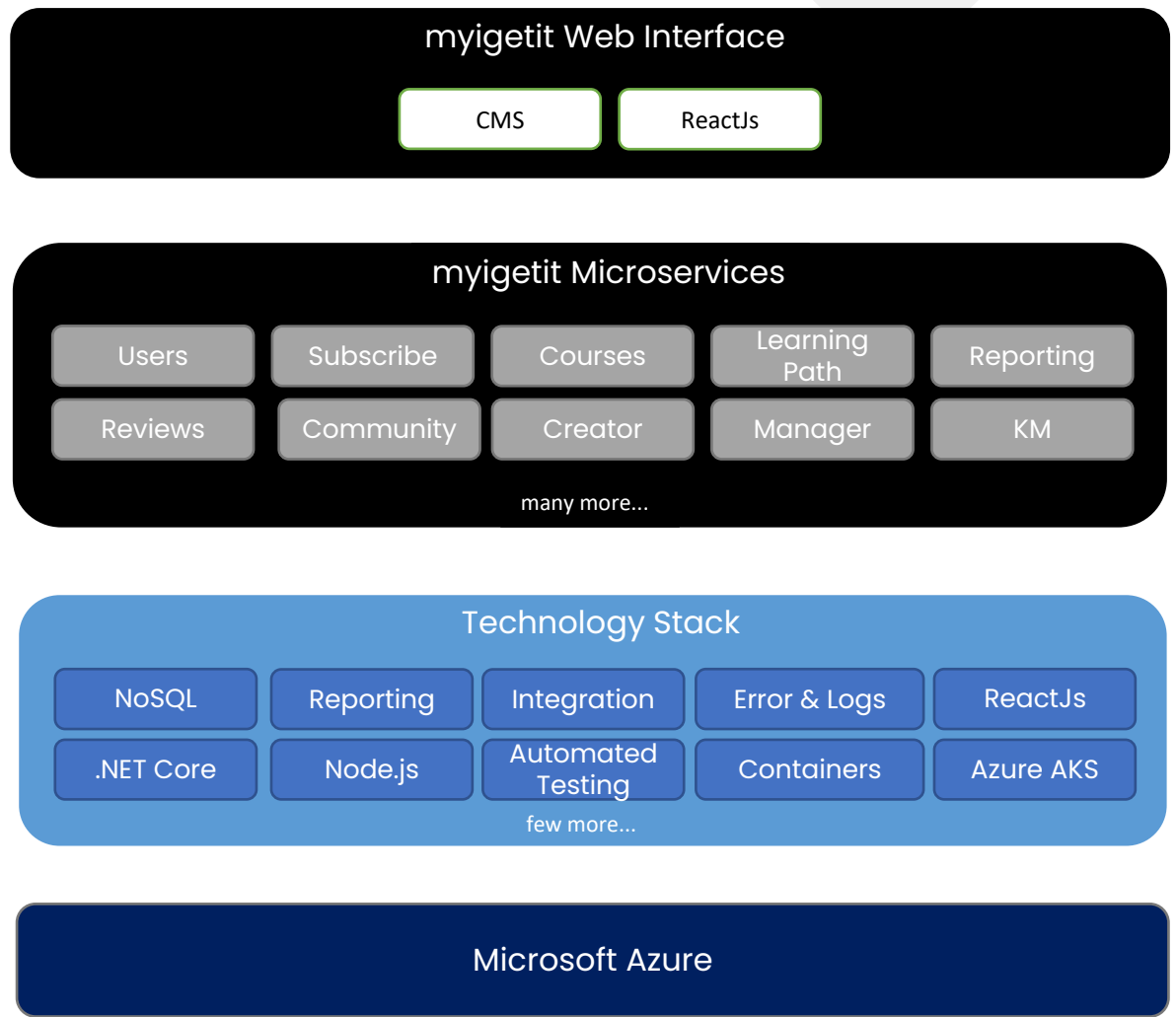- No integration with social apps.
- Limited Visual cues

Native Integrations & APIs					
CRM	eCommerce	Collab & Productivity Tools	Social sign-on	Content Partners	Web Conferencing
❌	❌	❌	❌	❌	❌

END STATE TO CATER FUTURE NEEDS

End State
Design to address current issues and cater to future needs

myigetit LMS

Microsoft Stack	SQL Server	.NET MVC Framework

Azure Cloud

myigetit Web Interface

CMS | ReactJs

myigetit Microservices

Users	Subscribe	Courses	Learning Path	Reporting
Reviews	Community	Creator	Manager	KM

many more...

Technology Stack

| NoSQL	Reporting	Integration	Error & Logs	ReactJs
.NET Core	Node.js	Automated Testing	Containers	Azure AKS

few more...

Microsoft Azure

APP MODERNIZATION WITH AZURE AKS
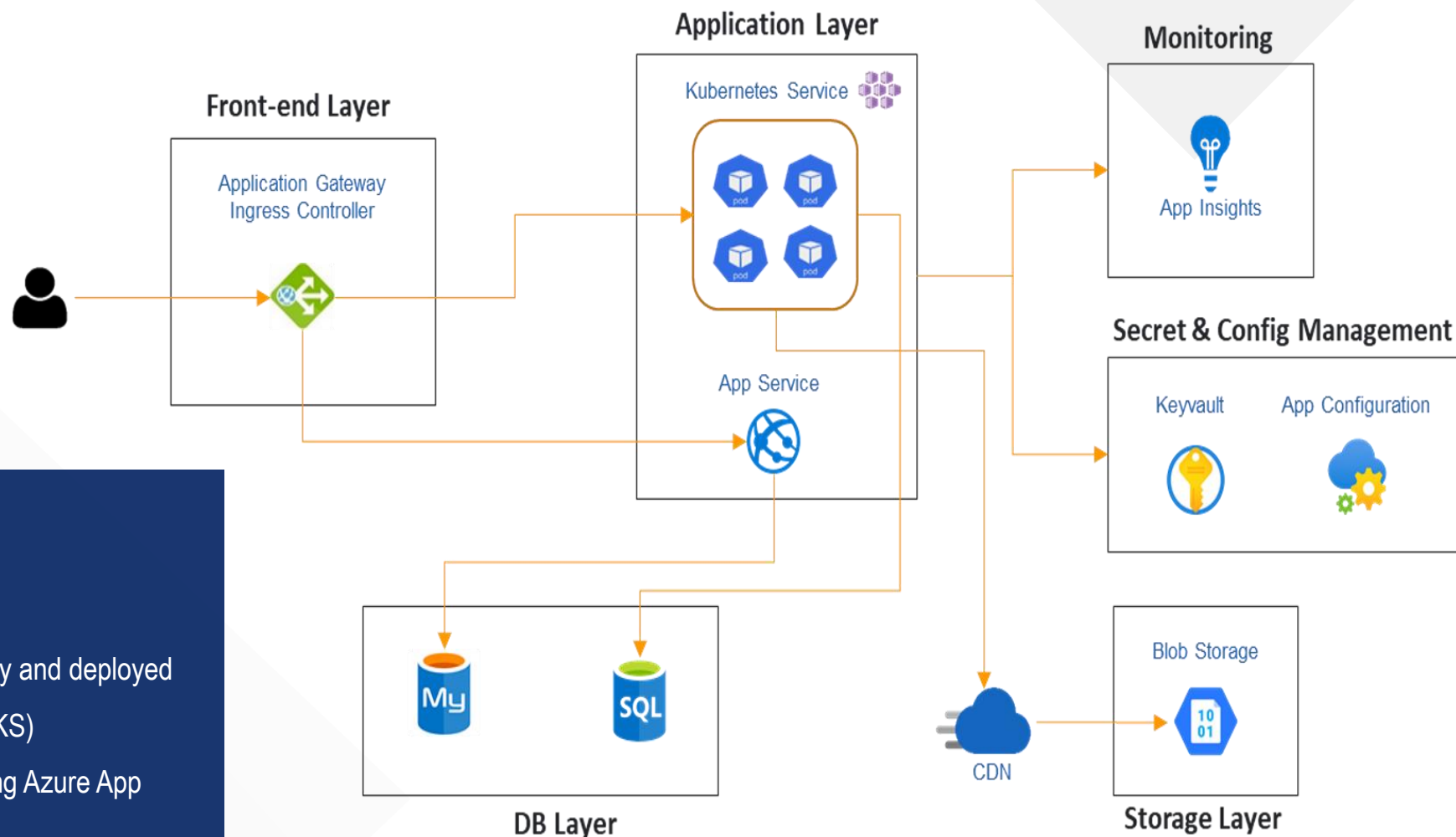
SOLUTION HIGHLIGHTS

- Architecture: Microservices Architecture

- Technology: .NET Core & React

- Each micro-service is containerized individually and deployed to Azure's native Kubernetes cluster (Azure AKS)

- Content management system was hosted using Azure App Services (PaaS)

- Kubernetes POD Structure to deploy and scale

- Pipelines automated using CICD/Azure DevOps Processes

WHAT WE DELIVERED !
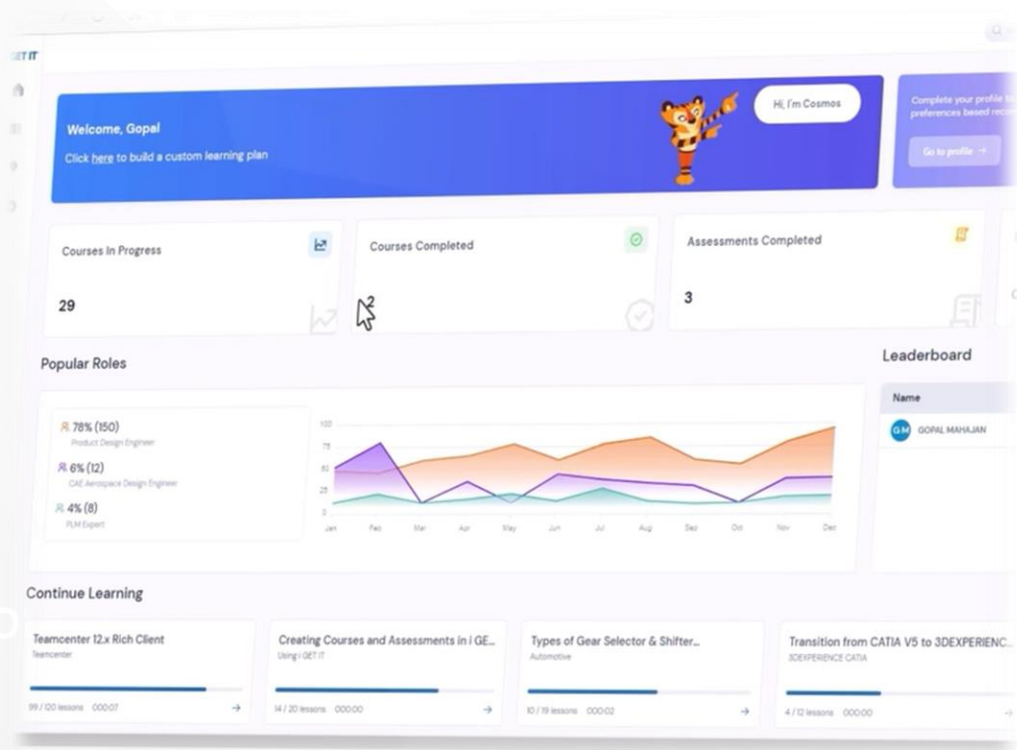
- New and Improved UI/UX
- New content management platform
- Personalized learning path for users based on skill-set and roles
- AI based recommendations
- Integration with Microsoft Teams, Chatbot
- Integration with LinkedIn Learning, Udemy
- Reports & dashboards for data analytics.
- Executive leadership dashboard

Native Integrations & APIs					
CRM	eCommerce	Collab & Productivity Tools	Social sign-on	Content Partners	Web Conferencing
salesforce	Razorpay Recurly	Slack, Teams, Google	okta	LinkedIn, Udemy	Teams