Microsoft

February 28, 2019 — 8:30 AM - 5:00 PM | Detroit, Michigan

DevOps on Azure

Learn, architect, and develop solutions on Azure

#AzureDevDays for developers, by developers

Learn.

Connect.

Explore.

Microsoft Technology Center

MTC Transformation Academy Sessions

Modern Applications: Full-day briefings and workshops on topics related to Application Development.

- ~~Jan 30, 2019 - Azure Developer Day~~
- Feb 28, 2019 - DevOps on Azure
- Mar 28, 2019 - Serverless Workshop

Apr 25, 2019 - Microservices & Container
May 23, 2019 - AI for Developers
Jun 27, 2019 - TBD (i.e. BOTs? IoT?)

Big Data: Full-day briefings and workshops on the design and implementation of a robust, scalable, big data platform.

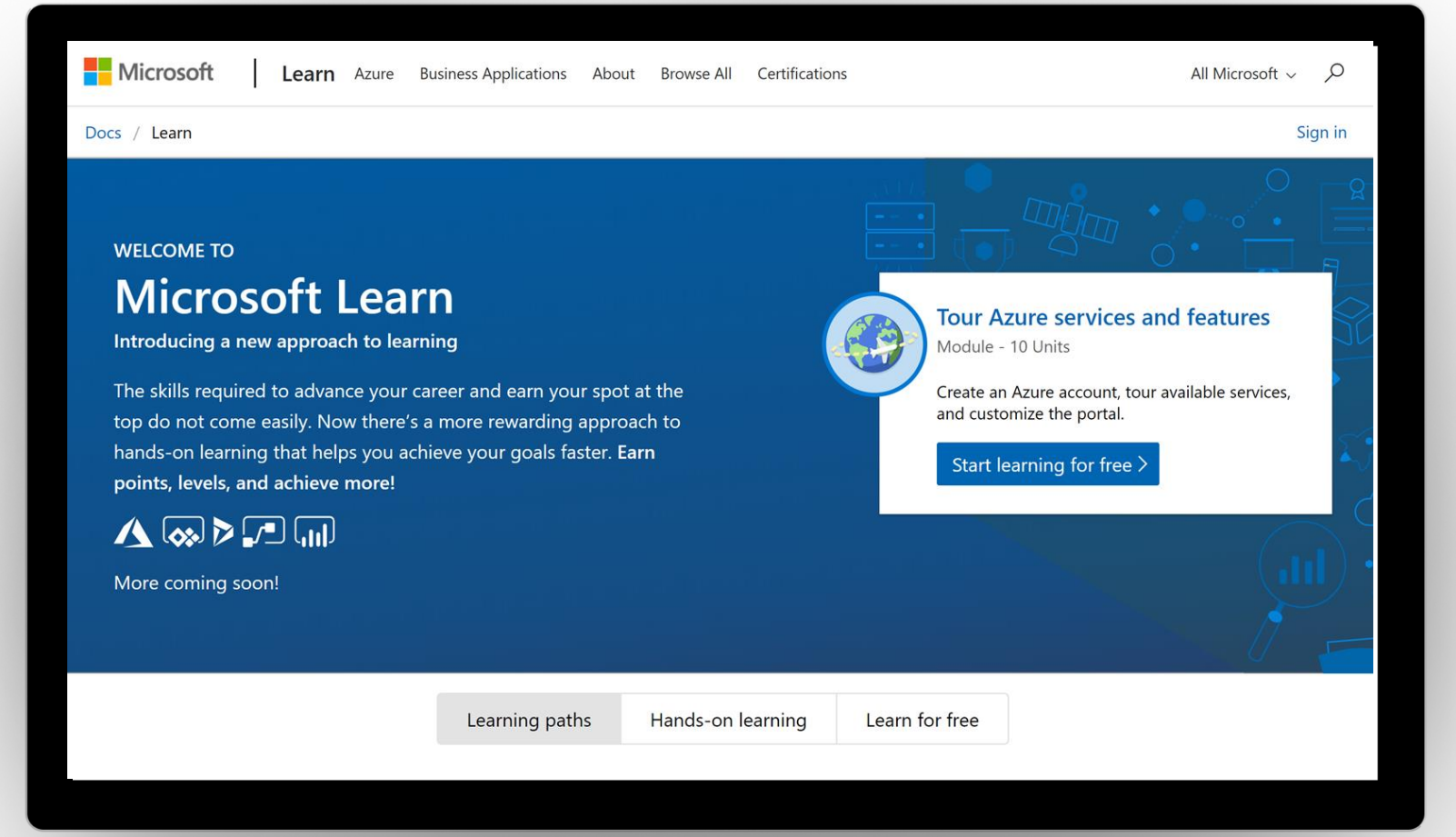
AI and Cognitive Services: Full-day briefings and workshops on the application of AI and cognitive services for business scenarios.

The MTC Transformation Academy - https://aka.ms/mtcacademy

Microsoft Learn

Build your skills fast with free, interactive tutorials at Microsoft Learn

- Step-by-step training to fit your schedule
- Interactive coding environments for hands-on experience
- Earn achievements and recognition for your Azure skills
- We provide free Azure sandboxes, free virtual machines, etc. so there is nothing to setup ahead of time.



http://www.Microsoft.com/Learn

Content

https://github.com/MTCDetroit/Academy-Events

PREVIEW

Visual Studio 2019

- ✓ Personal and team productivity
- ✓ Modern development support
- ✓ Continuous innovation

  UI Refresh & Search Improvements

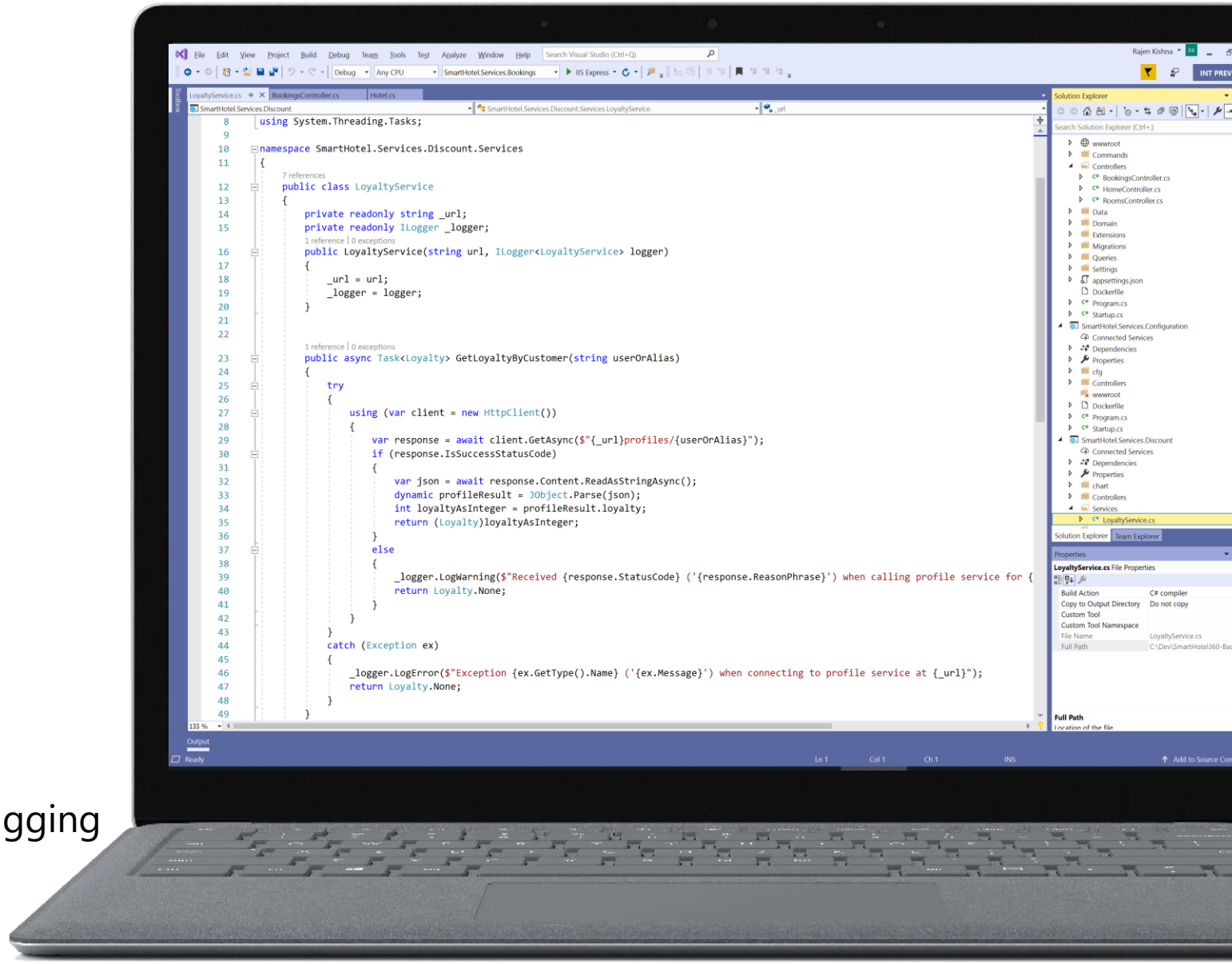
  Health and Code Cleanup

  Code editing with IntelliCode

  Collaborate with Live Share & GitHub integration

  Improve code quality with historical debugging and live unit testing

  .Net Core 3



Learn More: http://aka.ms/vs-preview

Creating meaningful connections that help businesses run smarter.

Supply Chain Optimization

We help you invest smarter so you can manage today and transform the future.

Connected Workforce

We create a connected workplace so employees can work smarter.

Cloud & Data Center Transformation

We help you prepare for the future and align workloads to the right platforms.

Digital Innovation

We help you innovate smarter so you can make meaningful connections.

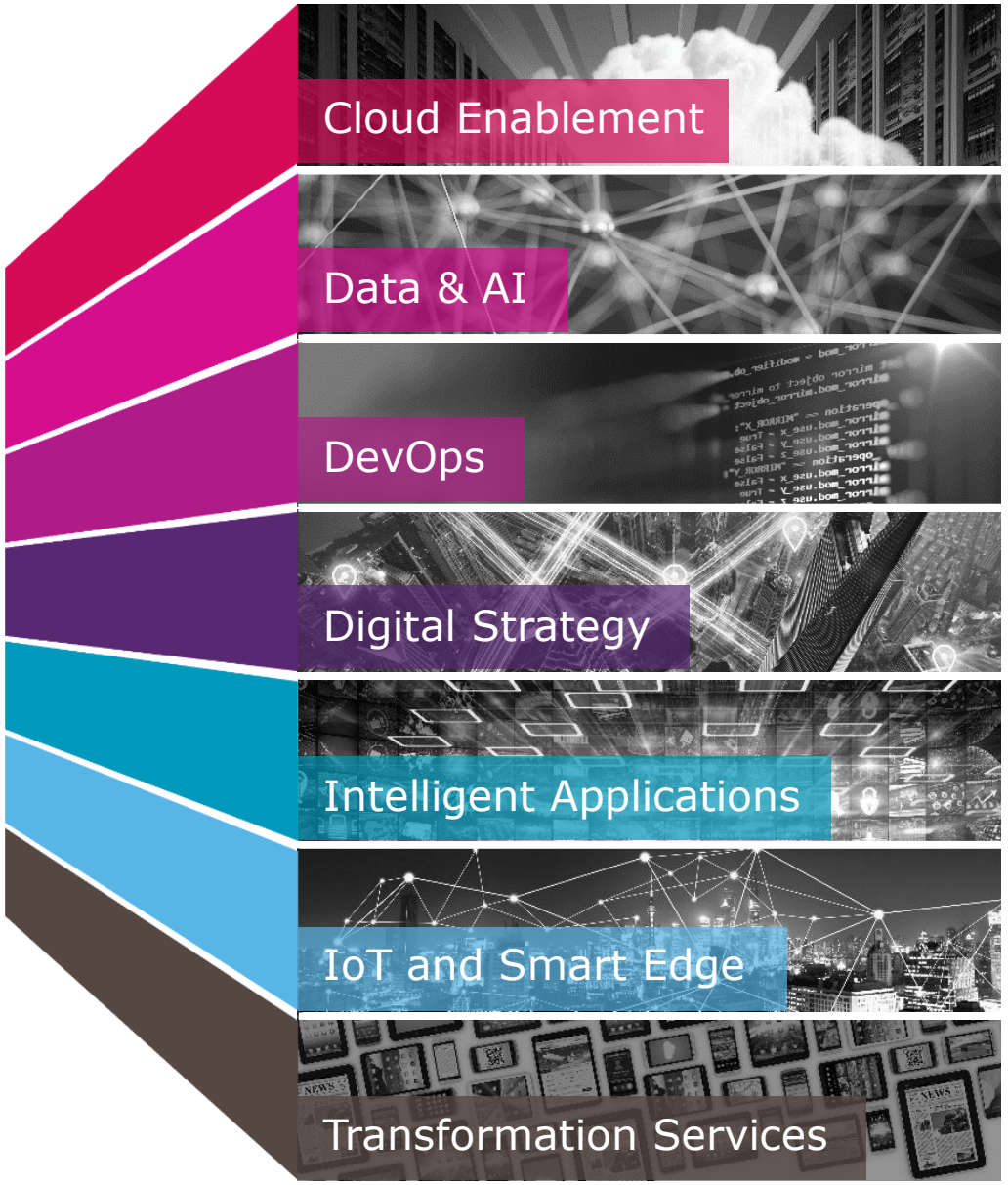
Pillars of Digital Innovation

Digital Experience provides winning solutions that engage customers and employees in new, meaningful ways.

Disruptive Technology Innovations, both proven and emerging, captivate customers, empower employees and transform business operations.

Continuous Services sustains innovation with strategy, support, delivery, and data-driven insights.

DI



Agenda

Time	Topic
8:00am – 9:00am	Registration and Breakfast
9:00am – 9:15am	Welcome Remarks
9:15am – 10:45am	Why Organizations Care about DevOps The fundamentals of DevOps
10:45am – 11:00am	Break
11:00am – 12:00pm	How Microsoft Engineering uses Azure DevOps Continuous DevOps monitoring and learning
12:00pm – 12:30pm	Lunch
12:30pm – 1:30pm	Planning your work with Azure Boards
1:30pm – 2:30pm	Building and Deploying your Code with Azure Pipelines Implementing Infrastructure as code (IaaC)
2:30pm – 2:45pm	Break
2:45pm – 4:00pm	Automated and Manual Testing with Azure Test Plans Continuous DevOps Testing, Manual, Selenium, Performance
4:00pm – 5:00pm	HOL with Microsoft Learning and/or DevOps

Resources

- Slides, Labs, Contact Info
  - https://github.com/MTCDetroit/Academy-Events
- Free Azure Trial
  - http://aka.ms/FreeAzure
- Microsoft Technology Center Events
  - https://aka.ms/mtcacademy
- Azure DevOps Hands on Labs
  - https://www.azuredevopslabs.com/
- Team System Café
  - www.teamsystemcafe.net/resources