



Cloud Labs AI Catalog

Spektra Systems

Microsoft Cloud Experts



Seattle - US



**Bangalore
Hyderabad
India**



Mexico City



Effective scheduling, management and execution of hands-on-lab workshops and on-demand-labs at scale

<https://cloudlabs.ai>



Cloud Labs AI

Simple, Easy & Powerful way to
experience and learn Cloud
technologies

Microsoft Cloud Workshops

One day deep dive whiteboard design session / hands on lab to accelerate the pipeline and drive Azure consumption with curated content, communication & process.

MCW TITLE	MCW TITLE	MCW TITLE
01. App modernization	12. Continuous delivery in VSTS and Azure	23. Microservices architecture
02. Azure Blockchain	13. Data Platform upgrade and migration	24. Migrate EDW to Azure SQL DW
03. Azure security and management	14. Enterprise-class networking	25. Mobile app innovation
04. Azure security, privacy, and compliance	15. Enterprise-ready cloud	26. Modern cloud apps
05. Azure Stack	16. Intelligent analytics	27. Optimized architecture
06. Business continuity and disaster recovery	17. Intelligent vending machines	28. OSS DevOps
07. Big Compute	18. Internet of Things	29. OSS PaaS and DevOps
08. Big data and visualization	19. IoT for business	30. SAP HANA on Azure
09. Building a resilient IaaS architecture	20. Lift and shift/Azure Resource Manager	31. SAP NetWeaver on Azure
10. Containers and DevOps	21. Linux lift and shift	32. Securing PaaS
11. Cognitive services and deep learning	22. Media AI	33. Serverless architecture

Azure DevOps Hands-On Labs – Getting Started

Simplify and speed up the DevOps process with Azure DevOps services. The following labs will help you to get started with Azure DevOps services to automate software delivery and meet business needs.



Agile Planning and
Portfolio Management
with Azure Boards



Enabling Continuous
Integration with Azure
Pipelines



Exploratory Testing with
Azure Test Plans



Managing Technical
Debt with Azure DevOps
and SonarCloud



Version Controlling with
Azure Repos



Embracing Continuous
Delivery with Azure
Pipelines



Web Application Load
and Performance Testing



Collaborating with Azure
DevOps Wiki



Package Management
with Azure Artifacts



Test Planning and
Management with Azure
Test Plans



Managing Project
Schedules across Teams
with Delivery Plans



Configuring Build as
Code with YAML in Azure
Pipelines

Azure DevOps Hands-On Labs – Deep Dive

Azure DevOps provides integration with popular open source and third-party tools and services—across the entire DevOps workflow. Use the tools and languages you know. Spend less time integrating and more time delivering higher-quality software, faster.



Feature Flag Management with LaunchDarkly



Deploying a Java-based Tomcat application to Azure



Managing Open-source security and license with WhiteSource



Deploying a CD pipeline for a Django-based Python app



Deploying a multi-container application to Azure Kubernetes Services



Managing technical debt with SonarQube and Azure DevOps



Automating Selenium Tests in Azure Pipelines



Setting up a CI/CD pipeline for your PHP application



Automating your infrastructure deployments in the Cloud with Terraform and Azure Pipelines



Integrating Azure Repos and Azure Pipelines with Eclipse



Deploying to Azure VM using Deployment Groups



Modernizing your Existing ASP.NET Apps with Azure



Automating your infrastructure deployments in the Cloud with Ansible and Azure Pipelines



Deploying a Docker based web application to Azure App Service



Setting up a CI/CD pipeline for Azure Functions



Driving continuous quality of your code with SonarCloud



Setting up a CI/CD pipeline for your GitHub repository



Deploying a Dockerized Java app to Azure Web App for Containers



Controlling Deployments using Release Gates



Leverage Virtual Services with Parasoft Virtualize



Configuring a CD pipeline for your Jenkins CI



Automating Deployments from Azure Repos with Octopus Deploy



Configure CI/CD for Node application with Azure Pipelines



Track Time With 7pace Timetracker

Learn AI @ MS

Grow your skills, prove proficiency, and build solutions in big data and AI.

- ❖ **Intelligent Apps+Agents**
- ❖ **Anomaly Detection and Predictive Maintenance**
- ❖ **Data Wrangling using the Azure ML DataPrep SDK on Azure Databricks**
- ❖ **Cognitive Services Implementation**
- ❖ **Knowledge Mining**
- ❖ **Using AI for Detecting Anomalies**
- ❖ **Machine Learning**

Microsoft Azure Data + AI

Grow your skills, prove proficiency, and build solutions in big data and AI.

- ❖ **Data Science | Machine Learning with Azure Databricks and Azure ML service**
- ❖ **Data Engineering | Modern Data Warehousing with Azure SQL DW, Azure Databricks and Azure Data Factory**

Microsoft Azure Stack

- ❖ **Microsoft Azure Stack – Infrastructure**
- ❖ **Microsoft Azure Stack – App Dev**
- ❖ **Create a Hybrid CI/CD Pipeline for Azure and Azure Stack**

Microsoft Azure

- ❖ **Bots-in-a-Day**
- ❖ **Kubernetes in Action on Azure**
- ❖ **Azure Database for MySQL and PostgreSQL Technical Deep Dive**
- ❖ **Cosmos DB hands on Workshop**
- ❖ **SQL Database Managed Instance**
- ❖ **Data Analytics & Near Real Time Intelligence with Azure**

Microsoft 365

- ❖ **PowerBI: Dashboard in a Day**
- ❖ **Azure Identity & EMS**

ISV Solutions on Microsoft Azure

❖ Check Point

- **CCSA - Check Point Certified Security Administrator**
- **CCSE - Check Point Certified Security Expert**

❖ Cloudera

- **Cloudera Enterprise Data Hub**
- **Cloudera Data Science Workshop**
- **Cloudera Altus on Microsoft Azure**

❖ DataStax

- **DataStax and Microsoft – AI Hackathon**
- **Building Real-Time Apps at Cloud Scale for the Right-Now Economy**

❖ Mongo DB

- **Automated cloud service for MongoDB on Microsoft Azure**

ISV Solutions

❖ Red Hat

- OpenShift on Microsoft Azure
- JBoss on Microsoft Azure
- Ansible Tower on Microsoft Azure

❖ SAP

- SAP HANA on Microsoft Azure
- SAP NetWeaver on Microsoft Azure

❖ UnifyCloud

- Modernizing Web & Mobile Apps

Got questions?

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