

## Rajnish Kumar Jha

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### Modules completed

203

### Active certifications

6

### Exams passed

11

### Historical certifications

4

### MCT status

Active

### Training hours completed

145 hr 12 min

## Active certifications

Certification title	Certification number	Earned on	Expires on
Trainer	01562C-93400A	Nov 24, 2018	Nov 25, 2024
Microsoft® Certified Solutions Expert: Cloud Platform and Infrastructure	EC2399-A1612F	Dec 28, 2018	N/A
Microsoft® Certified Solutions Associate: Cloud Platform	B4E3ND-2A9861	Dec 5, 2018	N/A
Microsoft® Certified Technology Specialist: SQL Server 2008, Business Intelligence Development and Maintenance	40A76A-69CAEK	Apr 3, 2013	N/A
Microsoft® Certified Technology Specialist: SharePoint 2010, Application Development	62816C-76FC3K	Mar 23, 2013	N/A

Certification title	Certification number	Earned on	Expires on
Microsoft Certified Professional	EDV452-D04C55	Mar 23, 2013	N/A

## Passed exams

Exam title	Exam number	Passed date
Developing Microsoft Azure Solutions	532	Dec 28, 2018
Implementing Microsoft Azure Infrastructure Solutions	533	Dec 5, 2018
Architecting Microsoft Azure Solutions	535	Dec 4, 2018
PRO: Designing and Developing Microsoft SharePoint 2010 Applications	576	Apr 3, 2013
Microsoft SQL Server 2008, Business Intelligence Development and Maintenance	448	Apr 3, 2013
TS: Microsoft SharePoint 2010, Application Development	573	Mar 23, 2013
Developing XML Web Services and Server Components with Microsoft Visual C# .NET and the Microsoft .NET Framework	320	Mar 20, 2006
Designing and Implementing Databases with Microsoft SQL Server™ 2000 Enterprise Edition	229	Mar 19, 2006
Developing and Implementing Web Applications with Microsoft Visual C#™ .NET and Microsoft Visual Studio .NET	315	Mar 16, 2006

Exam title	Exam number	Passed date
Developing and Implementing Windows-based Applications with Microsoft Visual C#™ .NET and Microsoft Visual Studio .NET	316	Mar 15, 2006
Analyzing Requirements and Defining Microsoft .NET Solution Architectures	300	Mar 15, 2006

## Microsoft Certified Trainer history

MCT title	Active from	To
MCT History	Nov 24, 2018	Jan 17, 2025

## Historical certifications

Certification title	Certification number	State
Microsoft® Certified Professional Developer: SharePoint Developer 2010  Earned on Apr 3, 2013	FC700B-4727D4	Retired
Microsoft Certified Solution Developer: Microsoft .NET  Earned on Mar 20, 2006	2B8EWE-459791	Retired
Microsoft Certified Application Developer: Microsoft .NET  Earned on Mar 20, 2006	ED1FP8-2A9458	Retired
Microsoft Certified Professional  Earned on Mar 15, 2006	14F8A9-D390ES	Retired

## Modules completed

Module title	Description	Completed on	Duration
Introduction to Azure hybrid cloud services	Get an introductory overview of hybrid cloud technologies and how you can connect an on-premises environment to Azure in a way that works best for your organization.	May 10, 2024	1 hr 14 min
Query and manipulate repository objects by using CIM and WMI methods	This module explains how to use CIM and WMI to make changes by using methods. The methods available vary depending on the type of object. Discovering and understanding these methods is an important step in querying and manipulating the repository information.	Nov 12, 2023	29 min
Query configuration information by using CIM and WMI	This module explains the structure of the namespaces that contain classes and also how to query instances of a class. It covers how to query remote computers by using ad-hoc connections and CIM sessions.	Nov 12, 2023	41 min
Review CIM and WMI	This module covers CIM and WMI technologies to connect to a common information repository that contains management information that you can query and manipulate. The repository contains all kinds of information about a computer system or device, including hardware, software, hardware drivers, components, roles, services, user settings, and just about every configurable item and the current state of that item. An understanding of the framework and syntax of CIM and WMI will help you know and control almost every aspect of an operating system environment.	Nov 12, 2023	29 min

Module title	Description	Completed on	Duration
Create and manage scheduled jobs using Windows PowerShell	Create and manage scheduled jobs using Windows PowerShell	Nov 12, 2023	48 min
Create and manage background jobs using Windows PowerShell	This module explains the three types of jobs: local jobs, Windows PowerShell remote jobs, and Common Information Model (CIM)/Windows Management Instrumentation (WMI) jobs. These job types form the basis of the Windows PowerShell job system.	Nov 12, 2023	37 min
Manage Microsoft Teams by using Windows PowerShell	This module explains how to use Microsoft Teams PowerShell module to perform tasks such as creating teams and managing user permissions.	Nov 12, 2023	27 min
Manage SharePoint Online by using Windows PowerShell	Manage SharePoint Online by using Windows PowerShell	Nov 12, 2023	46 min
Manage Exchange Online by using Windows PowerShell	This module covers managing mailboxes, resources, and admin roles in Exchange Online with PowerShell.	Nov 12, 2023	43 min
Manage users, groups, and licenses in Azure AD by using Windows PowerShell	This module covers how to give access to the services in Microsoft 365, so that you can create user accounts and then assign licenses that provide access to the services.	Nov 12, 2023	1 hr 12 min
Manage Azure resources with Windows PowerShell	Manage Azure resources with Windows PowerShell	Nov 12, 2023	45 min

Module title	Description	Completed on	Duration
Review the features and tools for Azure Cloud Shell	This module covers Azure Cloud Shell and its features.	Nov 12, 2023	35 min
Review Azure PowerShell module	This module explains the Azure PowerShell environment and the Az module for Windows PowerShell. It also explains how to manage Azure Active Directory (Azure AD) by using PowerShell modules.	Nov 12, 2023	45 min
Manage persistent connections to remote computers by using Windows PowerShell sessions	This module explains how to establish and manage persistent connections to remote computers, known as Windows PowerShell sessions or PSSessions.	Nov 12, 2023	34 min
Use advanced Windows PowerShell remoting techniques	This module covers some useful advanced techniques that will help overcome the limitations of basic Windows PowerShell remoting.	Nov 12, 2023	44 min
Manage single and multiple computers by using Windows PowerShell remoting	This module explains how to use remoting to perform administration on remote computers.	Nov 12, 2023	1 hr 5 min
Use functions and modules in Windows PowerShell scripts	This module covers how to create modules and functions in Windows PowerShell scripts.	Nov 12, 2023	29 min
Troubleshoot scripts and handle errors in Windows PowerShell	This module covers troubleshooting PowerShell scripts and understanding error messages.	Nov 12, 2023	36 min

Module title	Description	Completed on	Duration
Use methods to accept user inputs in Windows PowerShell scripts	This method explains multiple methods for accepting user input in a Windows PowerShell script.	Nov 12, 2023	41 min
Import data in different formats for use in scripts by using Windows PowerShell cmdlets	This module explains how to import data from a text file, CSV file, XML file, and JavaScript Object Notation (JSON) file.	Nov 12, 2023	28 min
Work with scripting constructs in Windows PowerShell	This module explains how to use scripting constructs for iteration and decision making in Windows PowerShell.	Nov 12, 2023	39 min
Create and run scripts by using Windows PowerShell	This module explains how to create and run scripts.	Nov 12, 2023	48 min
Work with arrays and hash tables in Windows PowerShell scripts	This module explains how to use arrays and hash tables in Windows PowerShell scripts.	Nov 12, 2023	35 min
Manage variables in Windows PowerShell scripts	This module explains how to create variables, name them correctly, and assign the correct data type, while ensuring the data you store in variables is in the correct format and easily accessible.	Nov 12, 2023	37 min
Use PowerShell drives in PowerShell	This module explains how to work with PowerShell drives.	Nov 12, 2023	49 min

Module title	Description	Completed on	Duration
Connect with data stores using PowerShell providers	This module covers PowerShell providers that connect Windows PowerShell to data stores. They offer an easier-to-understand and consistent interface for working with data stores.	Nov 12, 2023	24 min
Pass pipeline objects	This module explains how the Windows PowerShell command-line interface passes objects from one command to another in the pipeline.	Nov 12, 2023	50 min
Send and pass data as output from the pipeline	This module explains how to send pipeline data to files and in various output formats.	Nov 12, 2023	28 min
Enumerate objects in the pipeline	This module explains how to enumerate objects in the pipeline so that you can work with one object at a time during automation.	Nov 12, 2023	23 min
Filter objects out of the pipeline	This module explains how to filter objects out of the pipeline by using the Where-Object cmdlet to specify various criteria.	Nov 12, 2023	37 min
Select, sort, and measure objects using the pipeline	This module explains how to manipulate objects in the pipeline by using commands that sort, select, and measure objects.	Nov 12, 2023	42 min
Understand the Windows PowerShell pipeline	This module explains about the Windows PowerShell pipeline and some basic techniques for running multiple commands in it.	Nov 12, 2023	30 min

Module title	Description	Completed on	Duration
Manage settings for a local Windows machine using PowerShell cmdlets	This module covers common PowerShell cmdlets that can be used to perform tasks on a local Windows 10 computer.	Nov 12, 2023	27 min
Manage Windows Server settings using PowerShell cmdlets	This module covers cmdlets that are used to configure settings related to Group Policy, Server Manager, Hyper-V, and Internet Information Services (IIS).	Nov 12, 2023	28 min
Manage network service settings for Windows devices using PowerShell cmdlets	This module covers the PowerShell modules and cmdlets that are used to configure network settings for Windows devices.	Nov 12, 2023	28 min
Manage Active Directory Domain Services using PowerShell cmdlets	This module covers the cmdlets that are used to administer Active Directory Domain Services.	Nov 11, 2023	40 min
Find commands and Get-Help in Windows PowerShell	This module explains how to find Windows PowerShell cmdlets that you can use to perform specific tasks. It also covers how to use Get-Help to retrieve detailed information about a cmdlet and its parameters.	Nov 11, 2023	50 min
Understand the command syntax in Windows PowerShell	This module covers the cmdlet structure and parameters for using Windows PowerShell cmdlets. It also explains how to use tab completion and how to display About files content.	Nov 11, 2023	28 min
Review Windows PowerShell	Review Windows PowerShell	Nov 11, 2023	55 min

Module title	Description	Completed on	Duration
Manage alerts, blameless retrospectives and a just culture	Manage alerts, blameless retrospectives and a just culture	Nov 6, 2023	22 min
Design processes to automate application analytics	Design processes to automate application analytics	Nov 6, 2023	16 min
Share knowledge within teams	Share knowledge within teams	Nov 6, 2023	1 hr 1 min
Develop monitor and status dashboards	Develop monitor and status dashboards	Nov 6, 2023	12 min
Implement tools to track usage and flow	Implement tools to track usage and flow	Nov 6, 2023	2 hr 1 min
Introduction to GitHub Packages	Introduction to GitHub Packages	Nov 6, 2023	18 min
Implement a versioning strategy	Implement a versioning strategy	Nov 6, 2023	17 min
Migrate consolidating and secure artifacts	Migrate consolidating and secure artifacts	Nov 6, 2023	13 min
Understand package management	Understand package management	Nov 6, 2023	1 hr 14 min
Explore package dependencies	Explore package dependencies	Nov 6, 2023	13 min
Security Monitoring and Governance	Security Monitoring and Governance	Nov 6, 2023	21 min

Module title	Description	Completed on	Duration
OWASP and Dynamic Analyzers	OWASP and Dynamic Analyzers	Nov 6, 2023	11 min
Static analyzers	Static analyzers	Nov 6, 2023	1 hr 11 min
Software Composition Analysis	Software Composition Analysis	Nov 6, 2023	1 hr 13 min
Implement open-source software	Implement open-source software	Nov 6, 2023	13 min
Introduction to Secure DevOps	Introduction to Secure DevOps	Nov 6, 2023	10 min
Implement Bicep	Implement Bicep	Nov 6, 2023	24 min
Implement Desired State Configuration (DSC)	Implement Desired State Configuration (DSC)	Nov 6, 2023	23 min
Explore Azure Automation with DevOps	Explore Azure Automation with DevOps	Nov 6, 2023	1 hr 16 min
Create Azure resources by using Azure CLI	Create Azure resources by using Azure CLI	Nov 6, 2023	14 min
Create Azure resources using Azure Resource Manager templates	Create Azure resources using Azure Resource Manager templates	Nov 6, 2023	1 hr 29 min

Module title	Description	Completed on	Duration
Explore infrastructure as code and configuration management	Explore infrastructure as code and configuration management	Nov 6, 2023	20 min
Manage application configuration data	Manage application configuration data	Nov 6, 2023	2 hr 14 min
Integrate with identity management systems	Integrate with identity management systems	Nov 6, 2023	12 min
Implement A/B testing and progressive exposure deployment	Implement A/B testing and progressive exposure deployment	Nov 6, 2023	14 min
Implement canary releases and dark launching	Implement canary releases and dark launching	Nov 6, 2023	11 min
Implement blue-green deployment and feature toggles	Implement blue-green deployment and feature toggles	Nov 6, 2023	1 hr 18 min
Introduction to deployment patterns	Introduction to deployment patterns	Nov 6, 2023	12 min
Automate inspection of health	Automate inspection of health	Nov 6, 2023	32 min
Manage and modularize tasks and templates	Manage and modularize tasks and templates	Nov 6, 2023	17 min

Module title	Description	Completed on	Duration
Configure and provision environments	Configure and provision environments	Nov 6, 2023	2 hr 56 min
Explore release strategy recommendations	Explore release strategy recommendations	Nov 6, 2023	2 hr 34 min
Create a release pipeline	Create a release pipeline	Nov 6, 2023	2 hr 34 min
Introduction to continuous delivery	Introduction to continuous delivery	Nov 6, 2023	19 min
Design a container build strategy	Design a container build strategy	Nov 6, 2023	1 hr 2 min
Learn continuous integration with GitHub Actions	Learn continuous integration with GitHub Actions	Nov 6, 2023	1 hr 10 min
Introduction to GitHub Actions	Introduction to GitHub Actions	Nov 6, 2023	21 min
Integrate with Azure Pipelines	Integrate with Azure Pipelines	Nov 6, 2023	24 min
Implement a pipeline strategy	Implement a pipeline strategy	Nov 6, 2023	12 min
Explore continuous integration	Explore continuous integration	Nov 6, 2023	1 hr 7 min
Describe pipelines and concurrency	Describe pipelines and concurrency	Nov 6, 2023	20 min

<b>Module title</b>	<b>Description</b>	<b>Completed on</b>	<b>Duration</b>
Manage Azure Pipeline agents and pools	Manage Azure Pipeline agents and pools	Nov 6, 2023	1 hr 17 min
Explore Azure Pipelines	Explore Azure Pipelines	Nov 6, 2023	17 min
Manage Git repositories	Manage Git repositories	Nov 6, 2023	16 min
Plan foster inner source	Plan foster inner source	Nov 6, 2023	17 min
Explore Git hooks	Explore Git hooks	Nov 6, 2023	15 min
Identify technical debt	Identify technical debt	Nov 6, 2023	17 min
Collaborate with pull requests in Azure Repos	Collaborate with pull requests in Azure Repos	Nov 6, 2023	16 min
Manage Git branches and workflows	Manage Git branches and workflows	Nov 6, 2023	1 hr 24 min
Structure your Git Repo	Structure your Git Repo	Nov 6, 2023	14 min
Work with Azure Repos and GitHub	Work with Azure Repos and GitHub	Nov 5, 2023	18 min
Describe types of source control systems	Describe types of source control systems	Nov 5, 2023	26 min
Introduction to source control	Introduction to source control	Nov 5, 2023	17 min

Module title	Description	Completed on	Duration
Plan Agile with GitHub Projects and Azure Boards	Plan Agile with GitHub Projects and Azure Boards	Nov 5, 2023	1 hr 25 min
Migrate to DevOps	Migrate to DevOps	Nov 5, 2023	16 min
Describe team structures	Describe team structures	Nov 5, 2023	22 min
Choose the right project	Choose the right project	Nov 5, 2023	20 min
Deploy Azure infrastructure by using JSON ARM templates	Write JSON Azure Resource Manager templates by using Visual Studio Code to deploy your infrastructure to Azure consistently and reliably.	Sep 3, 2023	43 min
Control Azure services with the CLI	Learn the steps to install the Azure CLI locally, create a website, and manage Azure resources using the CLI.	Sep 3, 2023	34 min
Configure resources with Azure Resource Manager templates	Configure resources with Azure Resource Manager templates	Sep 3, 2023	41 min
Use Azure Resource Manager	You will learn to use resource groups to organization your organization's Azure resources.	Sep 3, 2023	30 min
Develop for storage on CDNs	Learn how the Azure Content Delivery Network (CDN) functions, how to control cache behavior, and how to perform actions by using .NET.	Sep 2, 2023	18 min

Module title	Description	Completed on	Duration
Develop for Azure Cache for Redis	Learn how to configure Azure Cache for Redis, interact with the cache, and connect an application to Azure Cache for Redis by using .NET.	Sep 2, 2023	30 min
Monitor app performance	Learn how to use the tools offered in Application Insights to enhance the performance and stability of your applications.	Sep 2, 2023	24 min
Discover Azure message queues	Learn how to integrate Azure Service Bus and Azure Queue storage in to your solution, and how to send and receive message by using .NET.	Sep 2, 2023	57 min
Explore Azure Event Hubs	Learn how Azure Event Hubs captures events and how to scale your processing application.	Sep 2, 2023	24 min
Explore Azure Event Grid	Learn how to integrate Azure Event Grid in to your solution, implement access control to events, and how to route custom events to web endpoint by using Azure CLI.	Sep 2, 2023	30 min
Explore API Management	Learn how the API Management service functions, how to transform and secure APIs, and how to create a backend API.	Sep 2, 2023	42 min
Implement Azure App Configuration	Implement Azure App Configuration	Sep 2, 2023	21 min
Implement managed identities	Implement managed identities	Sep 2, 2023	23 min
Implement Azure Key Vault	Implement Azure Key Vault	Sep 2, 2023	21 min

Module title	Description	Completed on	Duration
Explore the Microsoft identity platform	Learn the core features and functionality of the Microsoft identity platform which includes authentication service, open-source libraries, and application management tools to enable and control access to resources.	Sep 2, 2023	21 min
Implement Azure Container Apps	Run serverless containerized apps in Azure Container Apps service.	Sep 2, 2023	40 min
Run container images in Azure Container Instances	Learn how Azure Container Instances can help you quickly deploy containers, how to set environment variables, and specify container restart policies.	Sep 2, 2023	31 min
Manage container images in Azure Container Registry	Learn how to use Azure Container Registry to store your container images, and automate builds and deployments.	Sep 2, 2023	31 min
Work with Azure Cosmos DB	Learn how to develop client and server-side programming solutions on Azure Cosmos DB.	Sep 2, 2023	40 min
Explore Azure Cosmos DB	Learn the core features and functionality of Azure Cosmos DB.	Sep 2, 2023	39 min
Work with Azure Blob storage	Learn how to use the Azure Blob storage client library to create and update Blob storage resources.	Sep 1, 2023	38 min
Manage the Azure Blob storage lifecycle	Learn how to manage data availability throughout the Azure Blob storage lifecycle.	Sep 1, 2023	21 min
Explore Azure Blob storage	Learn the core features and functionality of Azure Blob storage.	Sep 1, 2023	23 min

Module title	Description	Completed on	Duration
Develop Azure Functions	Learn how to create and deploy Azure Functions.	Sep 1, 2023	33 min
Explore Azure Functions	Learn how Azure Functions can be a great solution for data processing, systems integration, and building simple APIs and microservices.	Sep 1, 2023	18 min
Explore Azure App Service deployment slots	Explore Azure App Service deployment slots	Aug 30, 2023	21 min
Scale apps in Azure App Service	Scale apps in Azure App Service	Aug 30, 2023	21 min
Configure web app settings	Learn how to create and manage application settings, install SSL/TLS certificates to secure web traffic, enable diagnostic logging, and create virtual app to directory mappings.	Aug 30, 2023	24 min
Explore Azure App Service	Learn about the key components of Azure App Service and how App Service can help you create, maintain, and deploy web apps more efficiently.	Aug 30, 2023	39 min
Configure virtual networks	You will learn to configure virtual networks and subnets, including IP addressing.	Jan 26, 2023	35 min
Configure Azure resources with tools	You will learn how to select a tooling option such as Azure portal, Azure PowerShell, Azure CLI, or Azure Cloud Shell.	Jan 26, 2023	46 min

Module title	Description	Completed on	Duration
Introduction to Azure Virtual Networks	In this module, you will learn how to design and implement fundamental Azure Networking resources such as virtual networks, public and private IPs, DNS, virtual network peering, routing, and Azure Virtual NAT.	Jan 26, 2023	1 hr 18 min
Introduction to DevOps	Introduction to DevOps	Dec 12, 2022	21 min
Explore Microsoft Graph	Learn how Microsoft Graph facilitates the access and flow of data and how to form queries through REST and code.	Dec 2, 2022	21 min
Implement shared access signatures	Learn how to use shared access signatures to authorize access to storage resources.	Dec 2, 2022	18 min
Implement authentication by using the Microsoft Authentication Library	Learn how to implement authentication by using the Microsoft Authentication Library.	Dec 2, 2022	25 min
Add custom domain name to Azure Active Directory	Learn how to add custom domain name to Azure Active Directory.	Apr 13, 2022	18 min
Introduction to Git	Use Git to track changes and collaborate with other developers.	Jun 7, 2021	1 hr 11 min
Explore Azure compute services	Learn about the different services that are available in Azure compute Prepare for AZ-900.	Jun 7, 2021	52 min
Discuss Azure fundamental concepts	Learn about the different types and categories of cloud computing. Prepare for AZ-900.	Jun 6, 2021	24 min

Module title	Description	Completed on	Duration
Apply and monitor infrastructure standards with Azure Policy	N/A	Nov 2, 2020	46 min
Introduction to GitHub	Learn to use key GitHub features, including issues, notifications, branches, commits, and pull requests.	Sep 23, 2020	1 hr 12 min
Manage Agile software delivery plans across teams	Learn to optimize delivery efficiency by improving work plan visibility across teams.	Apr 2, 2020	33 min
Manage site reliability	Learn how to manage site reliability.	Apr 1, 2020	35 min
Route system feedback to development teams	Learn how continuous monitoring and dashboards give you insight into how customers use your software and where patterns of failure occur.	Apr 1, 2020	22 min
Recommend and design system feedback mechanisms	N/A	Apr 1, 2020	49 min
Provision databases in Azure Pipelines	N/A	Apr 1, 2020	1 hr 2 min
Configure infrastructure in Azure Pipelines	N/A	Apr 1, 2020	1 hr 2 min
Provision infrastructure in Azure Pipelines	N/A	Apr 1, 2020	2 hr 2 min

Module title	Description	Completed on	Duration
Manage release cadence in Azure Pipelines by using deployment patterns	Choose and implement a deployment pattern that helps you smoothly roll out new application features to your users.	Apr 1, 2020	1 hr
Run nonfunctional tests in Azure Pipelines	Run automated load tests by using Apache JMeter, a form of nonfunctional testing, in Azure Pipelines.	Apr 1, 2020	49 min
Run functional tests in Azure Pipelines	Run Selenium UI tests, a form of functional testing, in Azure Pipelines.	Apr 1, 2020	1 hr 3 min
Manage database changes in Azure Pipelines	N/A	Apr 1, 2020	1 hr 14 min
Create a multistage pipeline by using Azure Pipelines	Design and create a realistic release pipeline that promotes changes to various testing and staging environments.	Apr 1, 2020	1 hr 13 min
Create a release pipeline in Azure Pipelines	Set up a continuous delivery (CD) pipeline that automates the process of deploying your application.	Apr 1, 2020	1 hr 4 min
Host your own build agent in Azure Pipelines	Work with guidance from the Space Game web team to set up your build agent running on-premises or on an Azure virtual machine running in the cloud.	Mar 9, 2020	59 min
Manage build dependencies with Azure Artifacts	In this module, the Space Game web team guides you through creating a build pipeline that produces a package that can be used by multiple applications.	Mar 9, 2020	59 min

Module title	Description	Completed on	Duration
Scan open source components for vulnerabilities and license ratings in Azure Pipelines	N/A	Mar 9, 2020	38 min
Scan code for vulnerabilities in Azure Pipelines	N/A	Mar 9, 2020	1 hr 43 min
Run quality tests in your build pipeline by using Azure Pipelines	Find out about automated testing that proves your code to be maintainable, understandable, and functioning without repetitive manual testing.	Mar 8, 2020	1 hr 22 min
Implement a code workflow in your build pipeline by using Git and GitHub	Learn along with the Space Game web team the benefits of collaboration through Visual Studio Code and GitHub.	Mar 8, 2020	1 hr 27 min
Create a build pipeline with Azure Pipelines	Set up a continuous integration (CI) pipeline that automates the process of building your application.	Mar 8, 2020	1 hr 20 min
Choose an Agile approach to software development	Learn with the Space Game web team how to use Azure Boards to implement Agile software practices along with DevOps transparency and collaboration.	Mar 8, 2020	40 min
Assess your existing software development process	Find out how to assess efficiency with a value stream map to help you examine your existing release processes and technologies.	Mar 8, 2020	19 min

Module title	Description	Completed on	Duration
Top 5 security items to consider before pushing to production	Learn about the Site Reliability Engineering approach to the challenge of assuring reliability and gain a better understanding of why it matters.	Mar 8, 2020	45 min
Configure security policies to manage data	Learn how to set up policies to classify, retain, and protect your cloud-based data.	Mar 8, 2020	39 min
Configure and manage secrets in Azure Key Vault	Configure and manage secrets in Azure Key Vault	Mar 8, 2020	29 min
Secure your Azure resources with Azure role-based access control (Azure RBAC)	Learn how to use Azure role-based access control to effectively manage your team's access to Azure resources.	Mar 8, 2020	37 min
Develop and configure an ASP.NET application that queries an Azure SQL database	Create an Azure SQL database to store data for an application, and create an ASP.NET application to query data from the database.	Mar 8, 2020	50 min
Scale multiple Azure SQL Databases with SQL elastic pools	Learn how to create SQL elastic pools and how to use them to manage performance and cost for a collection of SQL databases.	Mar 8, 2020	39 min
Secure your Azure SQL Database	Secure an Azure SQL database to keep the information safe and diagnose potential security concerns as they happen.	Mar 8, 2020	1 hr 7 min

Module title	Description	Completed on	Duration
Choose a data storage approach in Azure	Learn how using Azure Storage, Azure SQL Database, and Azure Cosmos DB - or a combination of them - for your business scenario is the best way to get the most performant solution.	Mar 8, 2020	30 min
Secure your Azure Storage account	Learn how Azure Storage provides multilayered security to protect your data with access keys, secure networks, and Advanced Threat Protection monitoring.	Mar 8, 2020	45 min
Build and run a web application with the MEAN stack on an Azure Linux virtual machine	Learn how to decide if the MEAN stack (MongoDB, Express.js, AngularJS, and Node.js) is a good choice for you and set up a MEAN-based web application on a new Azure Linux virtual machine.	Mar 8, 2020	42 min
Create a Windows virtual machine in Azure	Learn to create an Azure virtual machine in minutes that can be used like a local physical desktop or server.	Mar 8, 2020	51 min
Create a Linux virtual machine in Azure	This module guides you through options for virtual machines in Azure, creating and connecting a Linux virtual machine, and configuring your network settings.	Mar 8, 2020	1 hr 26 min
Introduction to Azure virtual machines	Learn about the decisions you make before creating a virtual machine, the options to create and manage the VM, and the extensions and services you use to manage your VM.	Mar 8, 2020	1 hr 7 min

Module title	Description	Completed on	Duration
Move Azure resources to another resource group	Learn how to identify Azure resources you can move, and how to move them to a new resource group.	Mar 8, 2020	42 min
Control and organize Azure resources with Azure Resource Manager	Use Azure Resource Manager to organize resources, enforce standards, and protect critical assets from deletion.	Mar 8, 2020	46 min
Predict costs and optimize spending for Azure	N/A	Mar 8, 2020	1 hr 14 min
Automate Azure tasks using scripts with PowerShell	Learn how to install Azure PowerShell on Linux, macOS, or Windows and then connect to Azure and manage your resources.	Mar 8, 2020	1 hr 11 min
Align requirements with cloud types and service models in Azure	Discover Azure's three approaches to deploying cloud resources -- public, private, and hybrid -- and learn the difference each makes in your Azure services.	Mar 8, 2020	35 min
Enable reliable messaging for Big Data applications using Azure Event Hubs	Learn to use Azure Event Hubs to reliably process high-volume data streams to enable you to code applications to send and receive messages through the hub.	Mar 8, 2020	56 min
Choose a messaging model in Azure to loosely connect your services	Learn how Azure's storage queues, event hubs, event grid, and service bus can improve your communication between devices.	Mar 7, 2020	45 min

Module title	Description	Completed on	Duration
Enable automatic updates in a web application using Azure Functions and SignalR Service	Update a web app's notification mechanism from polling to push-based architecture with SignalR Service, Azure Cosmos DB and Azure Functions. Use Vue.js and JavaScript to use SignalR using Visual Studio Code.	Mar 7, 2020	55 min
Monitor GitHub events by using a webhook with Azure Functions	Discover the benefits of webhooks when you trigger an Azure function with a GitHub webhook and parse the payload for insights.	Mar 7, 2020	53 min
Develop, test, and deploy an Azure Function with Visual Studio	Use Visual Studio together with a test framework to create, deploy, and test an Azure Function.	Mar 7, 2020	43 min
Create a long-running serverless workflow with Durable Functions	Learn how to orchestrate a long-running workflow as a set of activities using scalable and cost-effective Durable Functions.	Mar 7, 2020	46 min
Choose the best Azure service to automate your business processes	In this module, we'll discuss how to choose the appropriate Azure service to integrate and automate business processes.	Mar 7, 2020	44 min
Perform text analytics with Azure Databricks	N/A	Mar 7, 2020	41 min
Deep learning with Azure Databricks	N/A	Mar 7, 2020	46 min
Train, evaluate, and select machine-learning models with Azure Databricks	N/A	Mar 7, 2020	47 min

Module title	Description	Completed on	Duration
Perform exploratory data analysis with Azure Databricks	N/A	Mar 7, 2020	45 min
Read and write data by using Azure Databricks	N/A	Mar 7, 2020	45 min
Introduction to Azure Databricks	N/A	Mar 7, 2020	37 min
Deploy and run a containerized web app with Azure App Service	Discover how to create a Docker image and store it in the Azure Container Registry, then use Azure App Service to deploy a web application based on the image.	Mar 7, 2020	46 min
Scale an App Service web app to efficiently meet demand with App Service scale up and scale out	Learn how to respond to periods of increased activity by incrementally increasing the resources available and then freeing these resources when activity drops.	Mar 7, 2020	46 min
Stage a web app deployment for testing and rollback by using App Service deployment slots	Discover the benefits of creating deployment slots to streamline deployment and roll back a web app in Azure App Service.	Mar 7, 2020	44 min
Publish a web app to Azure with Visual Studio	Learn how to use Azure App Service to create a new ASP.NET-based web app, then publish and update directly from Visual Studio.	Mar 7, 2020	48 min

Module title	Description	Completed on	Duration
Prepare your development environment for Azure development	Learn how to choose and install the appropriate IDE for your requirements to help you build, deploy, monitor, and scale cloud-hosted solutions.	Mar 7, 2020	28 min
Create serverless logic with Azure Functions	Azure Functions allow you to host business logic that can be executed without managing or provisioning server infrastructure	Mar 7, 2020	36 min
Secure your application by using OpenID Connect and Azure AD	In this module, you will learn how to enable users to authenticate in multiple systems by using their Azure AD identities.	Jan 27, 2020	50 min
Manage users and groups in Azure Active Directory	Manage users and groups in Azure Active Directory	Jan 27, 2020	50 min
Security, responsibility, and trust in Azure	N/A	Jan 27, 2020	1 hr 16 min
Cloud Concepts - Principles of cloud computing	N/A	Dec 4, 2019	1 hr 2 min
Create an Azure account	Find out how to start using Azure by creating an account where you'll see services and personal settings for identity, billing, and preferences.	Feb 3, 2019	39 min
Introduction to Azure DevOps	Explore Azure DevOps capabilities and get started setting up your own organization knowing what separates elite performers from low performers.	Feb 3, 2019	25 min

