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| **Module 1: Creating App Service Web Apps**  Lessons   * Introduction to Web Apps * Using shell commands to create App Service Web Apps * Creating background tasks using WebJobs in Azure App Service * Using Swagger to document an API   After completing this module, students will be able to:   * Create an Azure app service web app by using Azure CLI, Powershell, and other tools * Create documentation for the API by using open source and other tools   **Module 2: Creating mobile apps**  Lessons   * Getting started with mobile apps in App Service * Enabling push notifications for your app * Enabling offline sync for your app   After completing this module, students will be able to:   * Add push notifications and enable offline sync for mobile apps   **Module 3: Creating an app service Logic App**  Lessons   * Overview of Azure Logic Apps * Creating a Logic App * Creating custom connectors for Logic Apps * Creating a custom template for a Logic App   **Module 4: Creating an app or service that runs on Service Fabric**  Lessons   * Understanding Azure Service Fabric * Creating a Reliable Service * Creating a Reliable Actors app * Working with Reliable Collections   After completing this module, students will be able to:   * Develop stateful and stateless apps on Service Fabric   **Module 5: Creating Azure Functions**  Lessons   * Azure Functions overview * Develop Azure Functions using Visual Studio * Triggers and bindings   After completing this module, students will be able to:   * Create Azure functions including bindings and triggers   **Module 6: Scheduling bulk operations**  Lessons   * Azure Batch overview * Running Batch jobs * Using the .NET Batch Management client library   After completing this module, students will be able to:   * Define and run scheduled bulk operations   **Module 7: Create solutions that use Azure Kubernetes Service**  **Lessons**   * Creating an Azure Kubernetes Service cluster * Azure Container Registry * Azure Container Instances   After completing this module, students will be able to:   * Create an Azure Container Service (ACS/AKS) cluster using Azure CLI and Azure Portal   **Module 8: Developing apps for Azure Media Services**  Lessons   * Introduction to Azure Media Services * Azure Media Services v3 concepts * Upload, encode, and stream with .NET * Analyze your video with .NET   After completing this module, students will be able to:   * Develop media solutions that use AI services |
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