

MAGENTO TRAINING PLAN

Sn	Section	Epic	Topic
1	Section 1	Magento Intro	What is Magento
2			Magento 1 vs Magento 2
3			Different editions of Magento
4			Magento System Requirements
5			Introduction to - Elasticsearch - Redis - Nginx/Apache - Varnish - RabbitMQ
6			Download and Install Magento
7			Understand Composer and install using composer
8			Understanding of Magento Frontend
9			Understanding of Magento Backend
10			Setup Vagrant Box
11			Setup Docker
12	Section 2	Magento Architecture	Magento Architecture
13			Describe the Magento module-based architecture
14			Describe the Magento directory structure
15			Different areas in Magento
16			Magento Configuration Files
17			Utilize configuration and configuration variables scope
18			Demonstrate how to use dependency injection (DI)
19			Demonstrate ability to use plugins Configure event observers and scheduled jobs
20	Utilize the CLI 3 Describe how extensions are installed and configured		
21	Section 3	Request Flow Processing	Magento Request Flow
22			Describe how to use Magento modes - - Developer - Production
23			Developer vs Production Mode
24			Demonstrate the ability to create a frontend controller with different response types (HTML/JSON/redirect)
26			Routers in Magento
27			Demonstrate how to use URL rewrites for a catalog product view to a different URL
29	Section 4	Magento Module Creation	Create Module
30			Use of registration.php
31			Use of module.xml
32			Use of composer.json
33			Enable Module
34			Module Dependency
35			Factory vs Proxy
36	Section 5	Customizing the Magento UI	Demonstrate the ability to customize the Magento UI using themes
37			Demonstrate an ability to create UI customizations using a combination of a block and template
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40			Identify the uses of different types of blocks 3
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42			Describe the elements of the Magento layout XML schema, including the major XML directives
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44	Create and add code and markup to a given page		
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46	Section 6	Working with Databases in Magento	Describe the basic concepts of models, resource models, and collections
47			Describe how entity load and save occurs
48			Describe how to filter, sort, and specify the selected values for collections and repositories
49			Write install and upgrade scripts
50			Identify how to use the DDL class in setup scripts
51			Declarative schema usage

52	Section 7	Developing with Adminhtml	Create a controller for an admin router
53			Define basic terms and elements of system configuration, including scopes, website/store/store view
54			Define/identify basic terms and elements of ACL
55			Set up a menu item
56			Create appropriate permissions for users
57			Admin Grids and Forms
58	Section 8	Customizing Magento Business Logic	Identify/describe standard product types (simple, configurable, bundled, etc.)
60			Describe category properties in Magento Define how products are related to the category Describe the difference in behavior of different product types in the cart
62			Inventory - MSI - Sources - Stocks
63			Customers - Customers - Customer Groups - Customer Segments - Store Credit - Rewards
64			Marketing - Catalog Rules - Cart Rules - Related Products Rules - Gift Card Accounts - Newsletters - Emails - URL Rewrites
65			CMS - Pages - Static Blocks - Widgets - Pagebuilder - Themes
66			Reports
67			Sales - Orders - Invoices - Shipments - Returns - Credit Memo - Shipping Methods - Payment Methods - Order State and Status
68			Describe native shipment functionality in Magento Describe and customize operations available in the customer account area
70			Add or modify customer attributes
71			Customize the customer address
73			Section 9
74	API in Magento		
75	Authentication Methods		
76	API Authorization		
77	Service and Data Interfaces		
78	API Response Formats		
79	REST		
80	SOAP		
81	GraphQL		
82	Section 10	Development Practices	Development Best Practices