SharePoint 2013 Developer, Part 01 of 15: Components of a Site

page 1

Meet the expert: Tim McCarthy is a senior solutions architect with Perficient who designs and builds highly scalable, layered web, desktop, and mobile applications utilizing the latest Microsoft platforms and technologies.

Prerequisites: This course assumes that students have some Web development background and some experience using Visual Studio 2012.

Runtime: 01:28:48

Course description: Over the years SharePoint has grown tremendously into a rich development platform. In this course we will go over the basic building blocks of SharePoint web applications and how they are architected. We will be examining site collections, sites, lists and libraries, web part pages, and the overall web application architecture that SharePoint offers. After you have finished this course, you will have a basic understanding of the core SharePoint structures.

Course outline:

Development Platform
- Introduction
- A Development Platform
- Components of an Application
- Data Structures and Storage
- User Interfaces
- Security
- Background Services
- Service APIs
- Site Collection Basics
- Logical Site Hierarchy
- Single Site Collection
- Partitioning with Site Collections
- Demo: Site collections
- Summary

Lists and Library
- Introduction
- Lists and Libraries
- List Views
- List Forms
- Base List Types
- SharePoint Foundation 2013 List Types
- Demo: Creating Lists
- Demo: Enter New Item
- Summary

Web Part Pages
- Introduction
- Web Part Pages
- Fundamentals
- Structure of a Web Part Page
- Commonly Used Web Parts
- Demo: Web Part Page
- Summary

Architecture
- Introduction
- Web Application Architecture
- File Locations and Storage
- Demo: Editing a Master Page
- Demo: Flush Cache
- Configuration Management
- Security, Safety, and Scalability
- Demo: Safe Mode Processing
- Demo: Run Page
- Farm and Sandbox
- Summary