# SharePoint 2013 App Model, Part 1 of 2: Development Choices

page 1

**Meet the expert:** Philip Wheat is an industry veteran who has been active in the computer industry for over 20 years. With experience stretching back to the beginnings of the PC era, he has remained active on the leading edges of technology, focusing on embedded systems, knowledge management, and sensor technologies. He is one of the few who has worked with SharePoint since the original beta, has built his own microprocessor, and has had robotics projects featured in the press and TV shows around the world.

**Prerequisites:** This course assumes that students have some Web development background and some experience using Visual Studio 2013. It is also very helpful to have a basic understanding of SharePoint concepts and out of box features. These concepts are not directly required for SharePoint development but are extremely helpful for evaluating where and when to utilize existing functionality instead of re-inventing functionality.

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**Course description:** In this course will take a look at the history of SharePoint development then we'll take a look at the tools you has a developer will use to create applications for SharePoint 2013. First we'll look at Visual Studio and SharePoint support built into it. Then we'll move on Napa, this is a new tool and it offers some very exciting options for SharePoint application development. As the course continues we'll then look at some of the development choices you have through SharePoint solutions, guidance, upgrades and maintenance. Next we'll look at SharePoint Apps, touching upon guidance, deployment and different deployment options, like on premise servers' cloud and Office 365.

**Course outline:**

**SharePoint History**
- Introduction
- History of SharePoint Dev
- History of SharePoint Dev 2
- History of SharePoint Dev 3
- Summary

**SharePoint Tools**
- Introduction
- Tools
- Tools: Visual Studio
- Tools: Napa
- Summary

**Installation**
- Introduction
- SharePoint Solutions
- Guidance
- Upgrades
- Maintenance
- Summary

**Workflow**
- Introduction
- SharePoint Workflows
- Scale
- Scope
- Maintenance
- Summary

**SharePoint Apps**
- Introduction
- SharePoint Apps
- Guidence
- Deployment
- OnPrem/Cloud/O365
- Summary