# Research Web Development

This is a summary of the work done to become acquainted with tools to develop web software. Most of the sections pertain to Pluralsight courses. The exceptions are noted.

## Using Chrome to Test Different Sized Viewports

These notes are from a web site. The Current Pixel website software will probably be used on a variety of devices – desktop, tablets, or mobile phones. Chrome can provide assistance in testing variations in view-port sizes.

## Visual Studio 2019 Getting Started

Describes facilities in Visual Studio 2019 that may not be obvious; worthwhile.

## Make an Almost Exact Copy of a Solution

When I need to start a new Visual Studio solution/project, whose starting point is an existing Visual Studio solution/project, it is easy to make errors or omissions. I wrote this as notes to myself – a checklist.

## HTML, CSS, JavaScript

A survey course – not terribly useful. My notes are copies of web references to web pages (Pluralsight and other) for more advanced training.

## C# Fundamentals

This was a worthwhile course for me, because my C# background is out-of-date – never fully absorbed, and C# has evolved. The course also illustrates how to use the Visual Studio facility called “Unit Testing”.

## HTML Fundamentals

This is a good course. One of the take-aways pertains to positioning. The code written by me (and others) at Vericom used the HTML **Table** to control the layout of controls and pictures on a page. The instructor in this course remarked – more than once – that the use of HTML **Table**s should be limited to material that is really tabular; instead, this course (coupled with CSS) shows how to position HTML elements.

## Introduction to CSS

This is a good course. It filled in many of my knowledge gaps.

## Introduction to ASP.NET

This is good course, but it was developed almost 10 years ago. Much of the material remains pertinent today. It includes introductory training in the use of Entity Framework. The end of the course answered questions with regard to deployment to my personal computer at C:\Inetpub\wwwroot. The subsequent section – using Build to automate deployment seems to be unusable because of the mismatch between Visual Studio 2019 and the age of the course.

**Get Started With Entity Framework 6, Code First, Using MVC\_5**

This was a tutorial that I found via Google. It is well written and not too difficult to follow. But it comes to an abrupt end when something described in the course causes the student to encounter a run-time error. I submitted an error report to Microsoft, but have not heard of any resolution.

## JavaScript, Getting Started

This is a good course. It not only covers the basic of the language, but it also ventures into the use of JavaScript in making dynamic changes – the Document Object Model (DOM). Another useful part of the course is its explanation of how to employ Chrome’s console view to aid in recovering from bugs.

## AWS Developer: The Big Picture

This was a good starting point for me – with my almost total lack of knowledge about AWS or about its competitors. There were a few instances, where I needed help from Google – to interpret jargon. But, for the most part, the instructor was careful in this regard.

## Understanding the Difference Between Microsoft Azure and Amazon AWS

The first part of this course was very good. Except for “The Database Scenario” I judged the last eight sections to be irrelevant to the immediate needs of Current Pixel, and I skipped over them.

## Microsoft Azure: The Big Picture

I was disappointed with this course. The instructor used too much jargon, and he never went into enough detail for me to get a sense that I understood. ***The most important information was the list names of Pluralsight courses for follow-on instruction. Refer to the last section of my word document Microsoft Azure\_TheBigPicture.docx.***

## ASP.NET MVC 5 Fundamentals