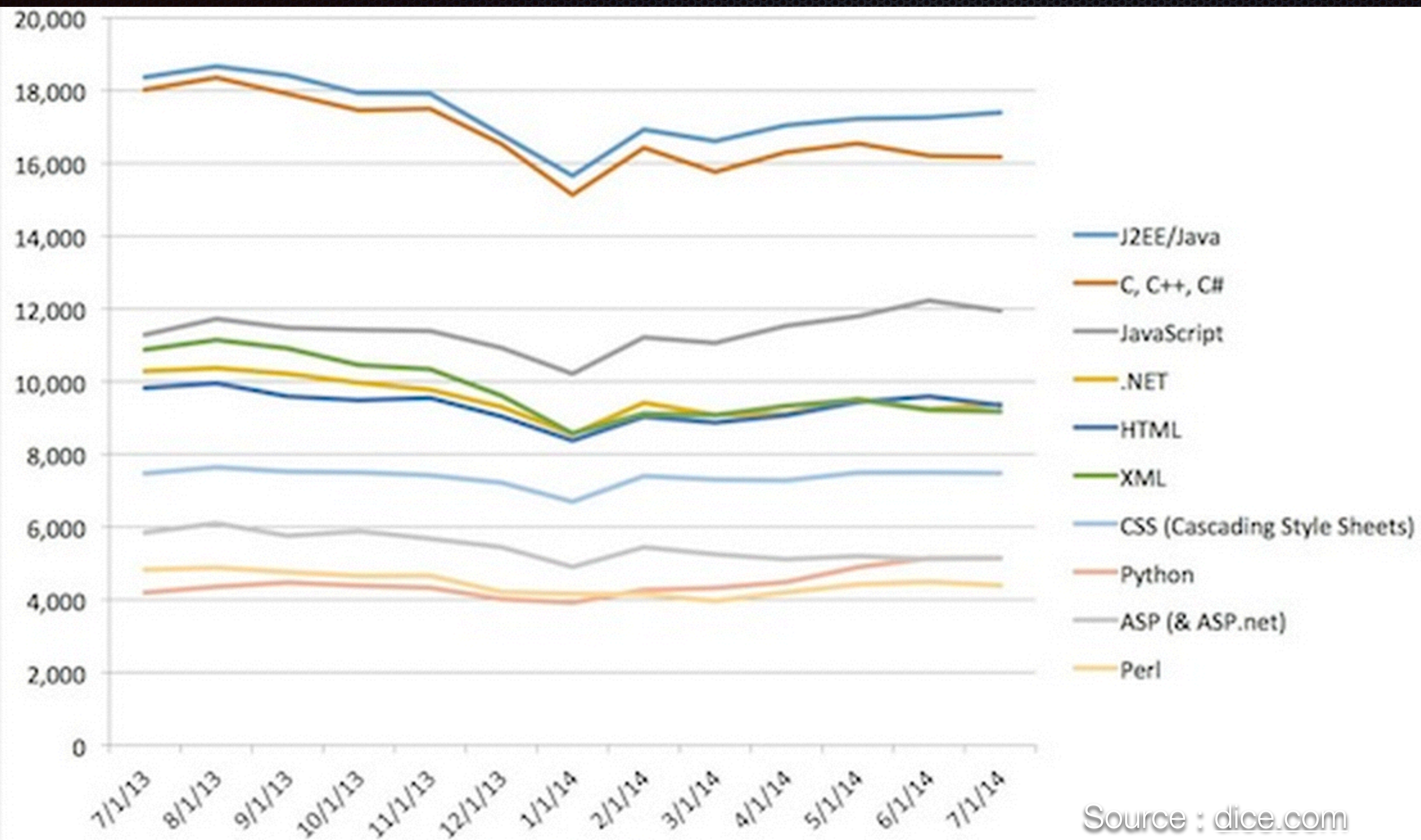


Microsoft .Net Framework with C#

-Kumar Nitesh



Source : dice.com

Dice by the Numbers

as of November 3, 2014*





2010

AVG. SALARY

\$79,384

YR/YR CHANGE

0.7%



2011

AVG. SALARY

\$81,327

YR/YR CHANGE

2.4%



2012

AVG. SALARY

\$85,619

YR/YR CHANGE

5.3%



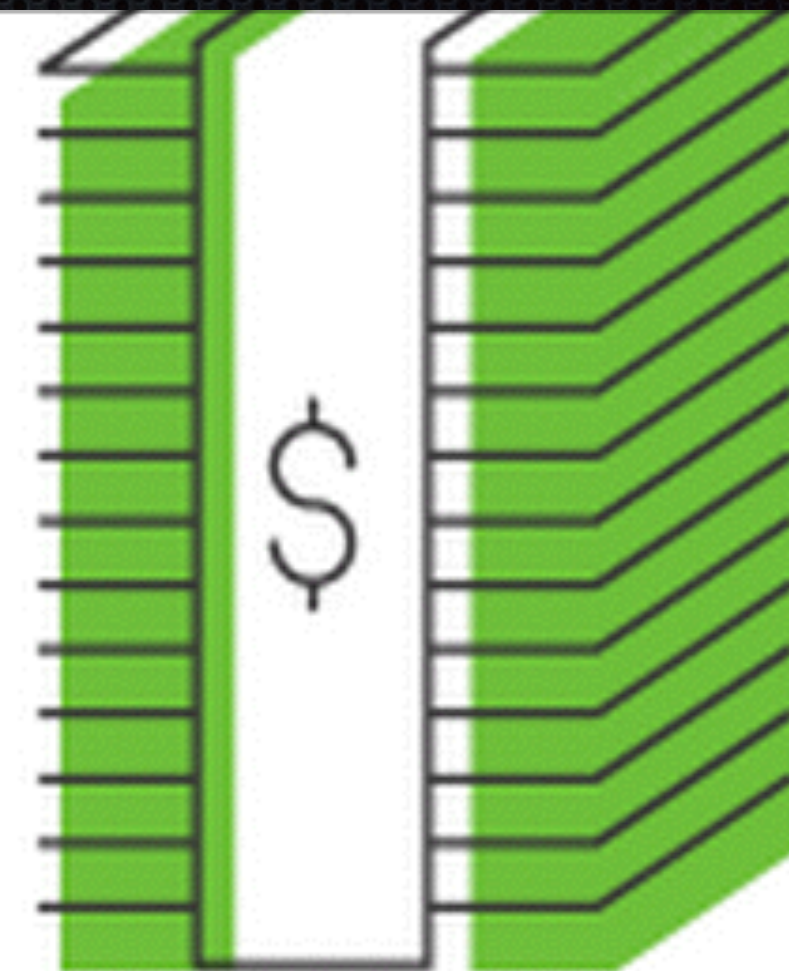
2013

AVG. SALARY

\$87,811

YR/YR CHANGE

2.6%



2014

AVG. SALARY

\$89,450

YR/YR CHANGE

1.9%

Source: dice.com

What is the most difficult skill-set or position to fill?

- 1) Software Developer/Software Engineer
- 2) Java professional
- 3) .NET professional
- 4) Security
- 5) Sales

Source : dice.com

.Net Framework

.NET Framework (pronounced dot net) is a software framework developed by Microsoft that runs primarily on Microsoft Windows. It includes a large class library known as Framework Class Library (FCL) and provides language interoperability (each language can use code written in other languages) across several programming languages. Programs written for .NET Framework execute in a software environment (as contrasted to hardware environment), known as Common Language Runtime (CLR), an application virtual machine that provides services such as security, memory management, and exception handling. FCL and CLR together constitute .NET Framework.

- ✦ Source : Wikipedia

The .NET Framework is a technology that supports building and running the next generation of applications and Web services. The .NET Framework is designed to fulfill the following objectives:

- To provide a consistent object-oriented programming environment whether object code is stored and executed locally, executed locally but Internet-distributed, or executed remotely.
- To provide a code-execution environment that minimizes software deployment and versioning conflicts.
- To provide a code-execution environment that promotes safe execution of code, including code created by an unknown or semi-trusted third party.
- To provide a code-execution environment that eliminates the performance problems of scripted or interpreted environments.
- To make the developer experience consistent across widely varying types of applications, such as Windows-based applications and Web-based applications.
- To build all communication on industry standards to ensure that code based on the .NET Framework can integrate with any other code.

.Net Building Blocks

- ✦ Common Language Runtime
- ✦ Common Type System
- ✦ Common Language Specifications

Object Oriented Programming

- ✦ Encapsulation
- ✦ Inheritance
- ✦ Polymorphism

Quick Overview of the Contents

- Session 1:
 - .Net framework Overview
 - C# Language
- Session 2:
 - Command Line Compiler
 - Visual Studio
- Session 3
 - Object Oriented Programming
 - Understanding Object LifeTime
 - Exception Handling

- ✧ Session 4 :

- ✧ Flow Control

- ✧ Arrays

- ✧ Interface

- ✧ Generics

- ✧ Session 5:

- ✧ ADO.Net

- ✧ Session 6:

- ✧ ASP.Net

- ✧ Session 7:

- ✧ ASP.Net WebServices

Question ?

Thank You

-Kumar Nitesh
@knitesh_