Other Server-Side Web Scripting Technologies

- **ASP.NET**: This Microsoft framework is the most popular enterprise-degree framework—it helps multiple programming languages concurrently for one mission. So, the identical application can be constructed with both C# and C++, through CLI (common language interface). It's most latest iteration, ASP.NET 5, is now open to non-Windows structures for the primary time.

Code Behind Model: Microsoft recommends dealing with dynamic program code by using the code-behind model, which places this code in a separate file or in a specially designated script tag. Code-behind files typically have names like "MyPage.aspx.cs" or "MyPage.aspx.vb" while the page file is MyPage.aspx (same filename as the page file (ASPX), but with the final extension denoting the page language). This practice is automatic in Visual Studio and other IDEs, though the user can change the code-behind page. Also, in the web application format, the pagename.aspx.cs is a partial class that is linked to the pagename.designer.cs file. The designer file is a file that is autogenerated from the ASPX page and allows the programmer to reference components in the ASPX page from the CS page without having to declare them manually, as was necessary in ASP.NET versions before version 2.[8] When using this style of programming, the developer writes code to respond to different events, such as the page being loaded, or a control being clicked, rather than a procedural walkthrough of the document.

- **Django**: This Python framework changed to fulfill the needs of development in a fast-paced surroundings and have web sites such as *Pinterest, Nasa, Pitchfork*

Meet Django

Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It's free and open source.

Ridiculously fast.
Django was designed to help developers take applications from concept to completion as quickly as possible.

Reassuringly secure.
Django takes security seriously and helps developers avoid many common security mistakes.

Exceedingly scalable.
Some of the busiest sites on the Web leverage Django's ability to quickly and flexibly scale.

Express.js **&** Koa: These JavaScript-powered middleware frameworks work on top of the Node.js improvement environment and control the float of records on the back end of a site.

- In June 2014, rights to manage the project were acquired by StrongLoop.
- StrongLoop was acquired by IBM in September 2015
- In January 2016, IBM announced that it would place Express.js under the stewardship of the Node.js Foundation incubator.