Web Development

Development Tools

The tools below assist in the development process by assisting with code formatting, building, and error checking.

Visual Studio Extensions

Visual Studio Web Essentials (VS Add-on) - http://vswebessentials.com

- Highly recommended for web development.
- Includes code formatting
- Live build and preview for coffeescript and less

Standalone Tools

Simpless - http://wearekiss.com/simpless (Download MSI from https://github.com/Paratron/SimpLESS)

- Note that the VS Web Essentials will do this for you. Simpless is only 'required' if you're writing less outside of an IDE.

Sublime Text Editor

- Advanced text editor (not free)

jsFiddle.net

- Useful for mocking up, creating a throwaway test, or simply playing around with JS/HTML/CSS.
- Supports YUI, but will not include Common Web UI
- **http://jsfiddle.net/**

Debugging Tools

Tools below can be used to inspect HTML, modify style, debug JavaScript, inspect cookies, monitor network usage and log messages all in real time.

Browser Specific

FireFox: FireBug - http://getfirebug.com/
Google Chrome - Tools come standard
Opera: DragonFly - http://www.opera.com/dragonfly/features/
Internet Explorer 8/9 - Tools come standard, debugger integrates with VS

HTTP Debugging

Fiddler by Telerik - http://fiddler2.com/
POSTMan: Chrome Extension - https://github.com/a85/POSTMan-Chrome-Extension/wiki

Additional Resources

Languages

CoffeeScript: http://coffeescript.org/ (not recommended at the moment, but Microsoft is pushing it)
LESS: http://lesscss.org/

Web Frameworks

~~jQuery documentation - http://docs.jquery.com/~~
Common Web UI - http://norvdmweb1/webui/
YUI Documentation - http://norvdmweb1/webui/api/index.htm
MVC4 - http://www.asp.net/web-api