

# Front-end Job Interview Questions

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## 1 General Questions

**What did you learn yesterday/this week?** I learn Material Design from Google, including its Polymer Project

**What excites or interests you about coding?** Coding / programming are the most possible super power that can be achieved.

**What UI, Security, Performance, SEO, Maintainability or Technology considerations do you make while building a web application or site?**

**Talk about your preferred development environment. (OS, Editor, Browsers, Tools etc.)** Windows, Sublime Text 2, Opera & Mozilla Firefox, Jade, Sass, Gulp, Browser-sync, Bootstrap, Foundation, thoughtbot (bourbon, neat, bitters, refills), flexbox

**Can you describe your workflow when you create a web page?**

1. Create body, #container, #header, #main, #nav, #footer

**Can you describe the difference between progressive enhancement and graceful degradation? Bonus points for describing feature detection**

**Explain what "Semantic HTML" means.**

**How would you optimize a websites assets/resources? Looking for a number of solutions which can include:** File concatenation File minification CDN Hosted Caching etc.

**Why is it better to serve site assets from multiple domains? How many resources will a browser download from a given domain at a time?**

**Name 3 ways to decrease page load. (perceived or actual load time)**

**If you jumped on a project and they used tabs and you used spaces, what would you do?**

1. Suggest the project utilize something like EditorConfig (<http://editorconfig.org>)
2. Conform to the conventions (stay consistent)
3. issue :retab! command

**Write a simple slideshow page (bonus points if it does not use JS).**

**What tools do you use to test your code's performance?** Profiler, JSPerf, Dromaeo

**If you could master one technology this year, what would it be?**

**Explain the importance of standards and standards bodies.**

**What is FOUC? How do you avoid FOUC?**

## **2 HTML Questions**

**What's a doctype do?** Doctype

**What's the difference between standards mode and quirks mode?** Standards mode  
Quirks mode

**What are the limitations when serving XHTML pages? Are there any problems with serving pages as application/xhtml+xml?** Limitation

**How do you serve a page with content in multiple languages? What kind of things must you be wary of when design or developing for multilingual sites?** Cek edX developing international software

**What are data- attributes good for?**

**Consider HTML5 as an open web platform. What are the building blocks of HTML5?** Building block

**Describe the difference between cookies, sessionStorage and localStorage.** Cookies:  
sessionStorage:  
localStorage:

## **3 CSS Questions**

**Describe what a "reset" CSS file does and how it's useful.**

**Describe Floats and how they work.**

**What are the various clearing techniques and which is appropriate for what context?**

**Explain CSS sprites, and how you would implement them on a page or site.**

**What are your favourite image replacement techniques and which do you use and when?**

CSS property hacks, conditionally included .css files, or... something else?

How do you serve your pages for feature-constrained browsers? What techniques/processes do you use?

What are the different ways to visually hide content (and make it available only for screen readers)?

Have you ever used a grid system, and if so, what do you prefer?

Have you used or implemented media queries or mobile specific layouts/CSS?

Any familiarity with styling SVG?

How do you optimize your webpages for print?

What are some of the "gotchas" for writing efficient CSS?

What are the advantages/disadvantages of using CSS preprocessors? (SASS, Compass, Stylus, LESS) If so, describe what you like and dislike about the CSS preprocessors you have used.

How would you implement a web design comp that uses non-standard fonts? Webfonts (font services like: Google Webfonts, Typekit etc.)

Explain how a browser determines what elements match a CSS selector?

Explain your understanding of the box model and how you would tell the browser in CSS to render your layout in different box models.