Your Future in Web Development: The Job Landscape course

Resources to explore

If you're interested in learning more about a career in web development, here are some resources you can explore, bookmark, and keep in mind if you want to explore more about web development and stay in touch with the latest developments in the field. This is a curated listing. There are many organizations and websites to explore, depending on your interests.

Free learning opportunities to build skills

Here are some recommended sites to check out if you're interested in learning more about the basics of web development and programming.

Note: You will need to sign up for a free account for the following online learning opportunities.

- [IBM Developer](#) offers opportunities to build skills, use real sample code, and connect with a global community of developers. You'll find articles, blogs, learning paths, and tutorials by topic or language/framework, including [Java](#) and [Node.js](#).
- [edX](#) offers a variety of free video-based courses on web development and design, including Harvard University's [CS50's Introduction to Computer Science](#). You can audit the edX courses for free.
- [Web.dev](#), created by Google, provides a wide assortment of articles and tutorials on web development topics for beginners to advanced developers.
- [W3Schools](#) is the world's largest web developer site that offers a variety of free online tutorials with hands-on practice. The site includes tutorials on [HTML](#), [CSS](#), [JavaScript](#), and more.
- [Codecademy](#) provides self-guided tutorials for beginners to learn the basics of web development programming. Experience an in-browser, self-contained development environment where you can learn the basic structures of front-end code like [HTML and CSS](#), before moving on to back-end languages such as [Ruby](#) and [Python](#).
- [Khan Academy](#) offers several computer programming courses that are available for free, including [Intro to SQL](#) and [Advanced JS: Game and Visualization](#).

Free tools to build your coding skills

Here are some recommended sites to check out if you're interested in challenges to build and sharpen your coding skills.

Note: You will need to sign up for a free account to access the code.

- Scratch is an interactive coding community developed by MIT. Scratch has its own language with a simple visual interface aimed at helping students learn computational thinking and problem-solving skills.
- CodeWell provides unique challenges for front-end developers using real-world prototypes as templates. Develop websites based on templates to add to your portfolio. It offers free challenges, as well as paid premium templates.
- Codepen provides weekly prompts to practice your development skills. You can also review other developers' code to get inspired and learn new coding techniques.

Professional organizations to consider

- The International Web Association (IWA) is a global association that provides web professionals with education, the opportunity to earn certifications, and a community for web professionals. IWA has many local chapters worldwide that provide web professionals with networking and learning opportunities.
- The World Organization of Webmasters (WOW) , also known as WebProfessionals.org, is a non-profit association that offers opportunities for professional certifications, as well as in-person conferences and events for web professionals.
- The World Wide Web Consortium (W3C) is an international community that develops open standards to ensure the long-term growth of the World Wide Web.

News and blogs to stay current

- Smashing Magazine offers practical articles on all areas of web development and design. It also offers insights into areas such as career development, accessibility, and privacy.
- Daily.dev is a web development news aggregator for web development enthusiasts. It shares breaking news on web development standards, best practices for web development, as well as tutorials, guides, and more.
- Sitepoint is a hub for web developers and the Sitepoint blog includes articles from web developers on a range of topics.
- W3C invites the public to participate in W3C via discussion lists, events, blogs, translations, and other means.

You can also take advantage of IBM SkillsBuild to power your future in tech with job skills, courses, digital credentials, and more.