# CSC 230

# Website Design

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**Role of a Software Web Designer/Developer**

**Define a Web Designer.**

A web designer is someone who creates the layout and design of a website (Staff, 2024). They use visual design elements to create the website that is desired. These visual design elements include text, click buttons, scroll bars, check boxes, graphics, photos, animations, videos, etc. These visual design elements are created to help build the website to be user friendly, create an aesthetic look for the user, and provide the user with the best experience possible. Web designers are responsible for the following responsibilities:

* Design and layout for the websites
* Ease of navigation for the websites
* Creating experimental pages to test the design and layout
* Adding the visual design elements for the websites
* Register the web domains
* Organize the files
* Induct any updates necessary
* Coordinate with any teammates and management for creating the website

Some of the keywords used to describe a web designer are user experience (UX) design, visual design, HTML design, and layout design.

**Define a Web Developer.**

**A w**eb developer is someone who uses coding language to create a website and its framework of the website. They are responsible for ensuring performance of the website is maintained for a user friendly environment. Web developers can be categorized into one of three categories: Back-end developers, front-end developers, and full-stack developers. Each type of developer has their own roles to accomplish. The back-end developers create the structure for the website, they write the code, they verify the code works, ensure there is proper storage for the data, and manage the application programming interfaces. The front-end developers develop and improve the user interface, optimize the website’s functionality, ensure the software is managed and properly organized, and apply search engine optimization (SEO) ensuring the user experience is outstanding. The full-stack developer is responsible for helping with the software design and development teams, testing and debugging the software, writing code for the front-end and back-end of the software, ensuring the website can run on multiple platforms, updating the software, and resolving any maintenance, security, and scalability issues (Team, 2024). Some of the keywords used to describe a web developer are HTML, CSS, JavaScript, framework designer, front-end developer, back-end developer, and full-stack developer.

**Website Designer and Developer Positions.**

Here is a list of web designer positions I have found:

1. Knowledge Management Web Designer for Patriot Enterprises LLC
2. Front End Developer for nFuzion
3. Application Architect/Website Designer for Cayuse Holdings
4. Web Designer for Answers in Genesis Group
5. Web Designer for HCL Global Systems Inc.
6. Web Developer for Midcom
7. Brand and Web Designer for Northpeak
8. Senior Web Designer for JTek Software Solutions
9. Graphics/Web Designer for CloudRay Inc.
10. Sr. Web Developer – Front-End and User Experience Web Designer for Kalio, Inc.

Most of these positions require similar basic qualifications and responsibilities to be a good candidate for these positions. Most of these positions also require a bachelor’s degree and/or years of experience prior to applying for these positions. The candidate must express themselves professionally, present any previous experiences in these positions, demonstrate excellent written and verbal communication skills, exceptional problem solving skills, be able to work alone and collaborate with team members on projects well, consult with customers to ensure they are satisfied with the project, and present metrics to upper management.

Some of the specific qualifications require collaboration with UX designers, strong experience with HTML, CSS, and JavaScript, knowledge of SEO optimization, understanding of .NET developer, NET framework, and SQL server, proficiency in software such as Photoshop, XD, Figma, VS Code, Git, SVN, Illustrator, and Image Ready.

**Conclusion of Web Designers and Web Developers.**

Both web designers and web developers play an important role in creating and maintaining websites. They are the employees that help maintain, update, and secure the websites for businesses and companies, and they also bring the visual aesthetics to life on the website. Businesses and companies have many competitors, and a properly created, designed, maintained, secured, and user-friendly website can be what sets your company apart from your competitors. Users are more likely to repeat business with a company if they have a positive experience. This helps them feel comfortable purchasing a product from your website, because they know it will be a secure and quick transaction.

# References

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