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

Morgan Chandler

CSC 230: Web Design

Mr. Joe Martinez

April 2, 2023

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

What is a Web Designer? Web Designers will create and build websites and web pages where they will combine any number of visual design elements including things such as text, photos, graphics, animations, and videos. They can create a brand-new website or can do just some updating to that website that will change the design and layout of what pages already exists.

What is a Web Developer? They do have different responsibilities than a Web Designer does. They will take the vision of the designer and they will convert that all into code. Often, they will recommend some changes that will allow the site to work a whole lot better. They will also ensure that it will work on multiple different browsers and mobile platforms that will allow everyone to view it. To add on, they will also determine how to maintain the security for the site.

They both have skills that may overlap in some areas, but the Web Designers are going to be more focused on getting creative aspects. Web Developers are going to be more concerned about determining how to provide that vision they have. They are going to specialize on different parts of the site that include front-end, back-end, and full-stack. For Design, they will specialize on creating the user interfaces or user experiences. They both will want to make sure that the site is as easy as possible to use.

To add onto more day to day duties of these jobs, some of the day to day stuff for a web developer will generally involve these: meeting clients to determine what they want from their site, creating design frameworks, wireframing pages, positioning CTAs, links and imagery, adding multimedia features like sound animation and video (with web designers), ensuring the site is responsive, to render properly on all devices, testing and improving the functionality and rendering of the site, and uploading the site to a designated server. A lot of these day to day stuff goes with communication with web designers as well. Like said previously, there is a lot common things in both Web Designers and Web Developers and there is also many differences too.

After doing some of research for some careers in Programming/Development, there are so many options out there that can include computer programming, web development, and software engineering. From finding some jobs more geared towards website’s, there were a few that popped up. One being a front-end developer for Nevco Sports, LLC which is a Manufacturer of integrated display and scoring solutions. Some responsibilities include design and architecture of client-side web applications and integrations with backend, development and support of modern client-side web applications, mentoring junior and less experienced web developers on the team, collaboration with backend developers and architects for cloud-side integration, and collaboration with hardware engineers for optimizing software performance on custom Nevco hardware platforms.

A lot of common skills that I found among the jobs found were proficiency with programming languages, learning concepts, and applying them to other problems, math skills, problem-solving capabilities, communication skills (which seems to be one of the most important things), writing skills, and inquisitiveness. Ongoing self-learning is going to be a key to developing in a web development role, which allows you to stay up to date on technological advancements and updates. According to the BLS (US Bureau of Labor Statistics), they are expecting that the demand for both web designers and developers will grow by 13 percent in the next 10 years as of 2023.

To sum this all up, there can be a lot of thought of what field you may want to go into. Some want to be more apart of the design part, and some want to be more on the development part where they will do mostly coding and makes changes to the envision of the web design and the client. Both work well together in order to complete something that is ultimately going to be easy for any user to find stuff on the site and make sure everything will run well without many technical errors.

**References**

*What is a web designer? (2023 guide)*. BrainStation®. (n.d.). Retrieved April 2, 2023, from https://brainstation.io/career-guides/what-is-a-web-designer

*Web designer vs. web developer: How the jobs differ*. Coursera. (n.d.). Retrieved April 2, 2023, from https://www.coursera.org/articles/web-designer-vs-web-developer

*Computer programmer skills: Definition and examples*. (n.d.). Retrieved April 3, 2023, from <https://www.indeed.com/career-advice/resumes-cover-letters/computer-programmer-skills>

*How to become a web developer*. Tutch Media. (n.d.). Retrieved April 2, 2023, from https://www.tutch.co.uk/blog/how-to-become-a-web-developer