Web Development 101

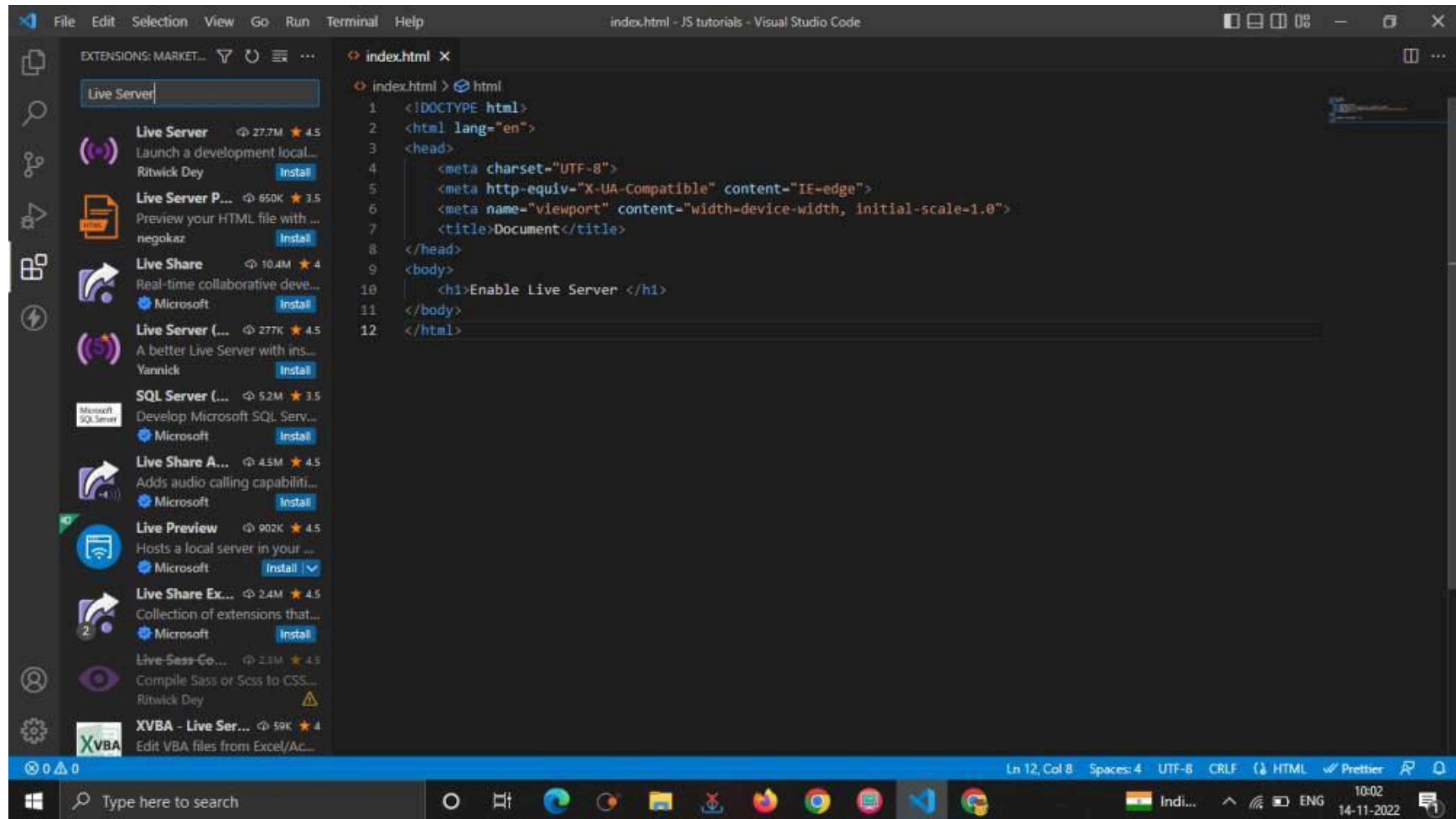**Title:** Essential Tools for Beginner Web Developers

Introduction

Welcome to the exciting world of web development! This guide will introduce you to the essential tools you'll need to build your first website.

1. Text Editor or IDE

- **What it is:** A program for writing and editing code. Text editors are basic, while IDEs (Integrated Development Environments) offer additional features like code completion and debugging.
- **Why you need it:** This is where you'll write the code that brings your website to life
- **Examples:** Popular options include Visual Studio Code, Sublime Text, Atom (Text Editors); Visual Studio, WebStorm, Eclipse (IDEs)..

- **Image**

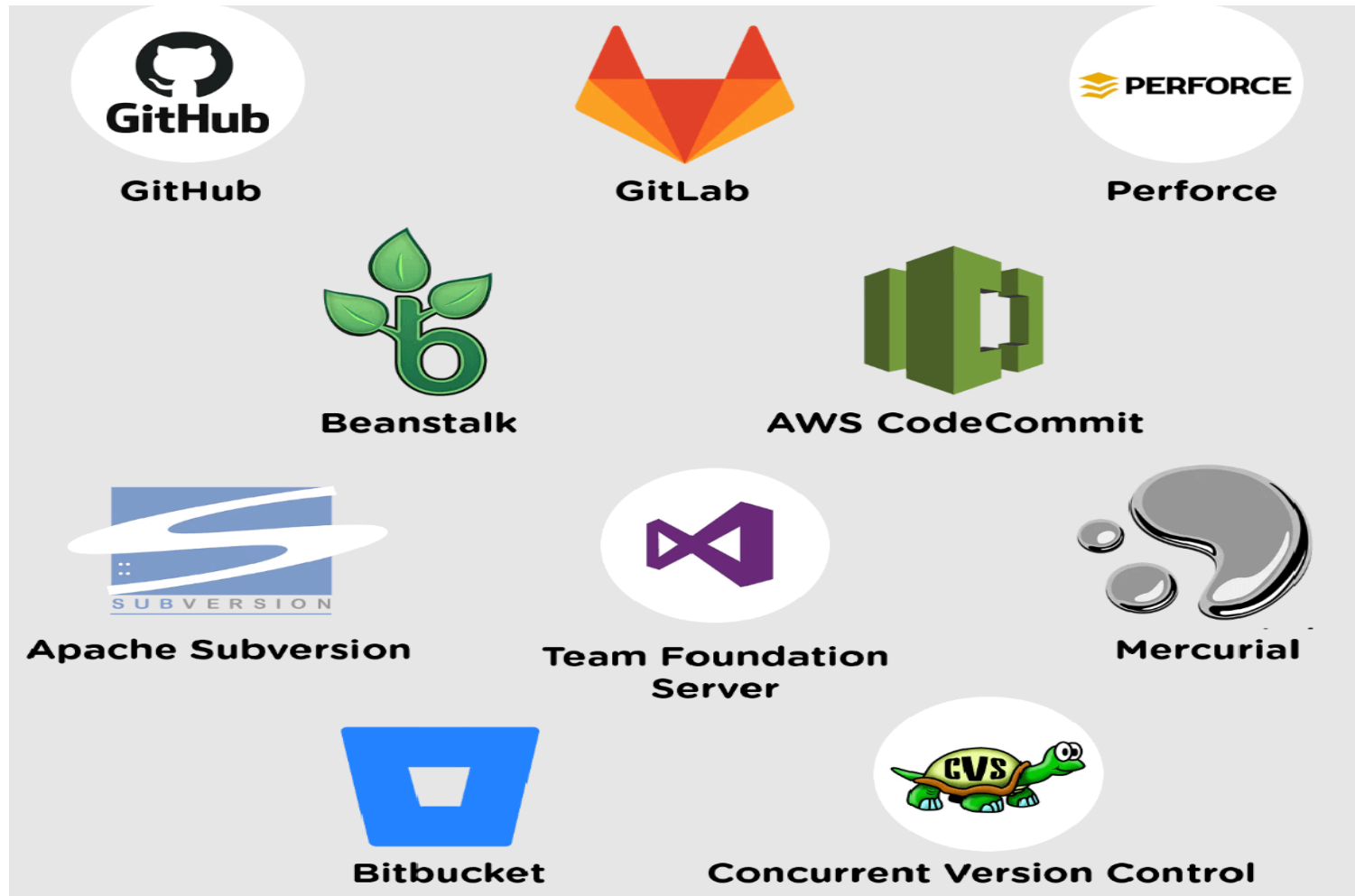Download VS link: https://code.visualstudio.com/download

2. Web Browser

- **What it is:** A software application that allows you to access websites and view your code's results.
- **Why you need it:** You'll use your web browser to see how your website looks and functions as you develop it.
- **Examples:** Popular choices include Chrome, Firefox, Safari, Edge. Most browsers have built-in developer tools for debugging and inspecting your website's code.
- **Image:** image of a popular web browser.

3. Code Version Control System (Git)

- **What it is:** A system for tracking changes to your code over time. This allows you to revert to previous versions if necessary and collaborate with others on projects.
- **Why you need it:** Git helps you manage your code effectively, ensuring you don't lose work and can easily track progress.
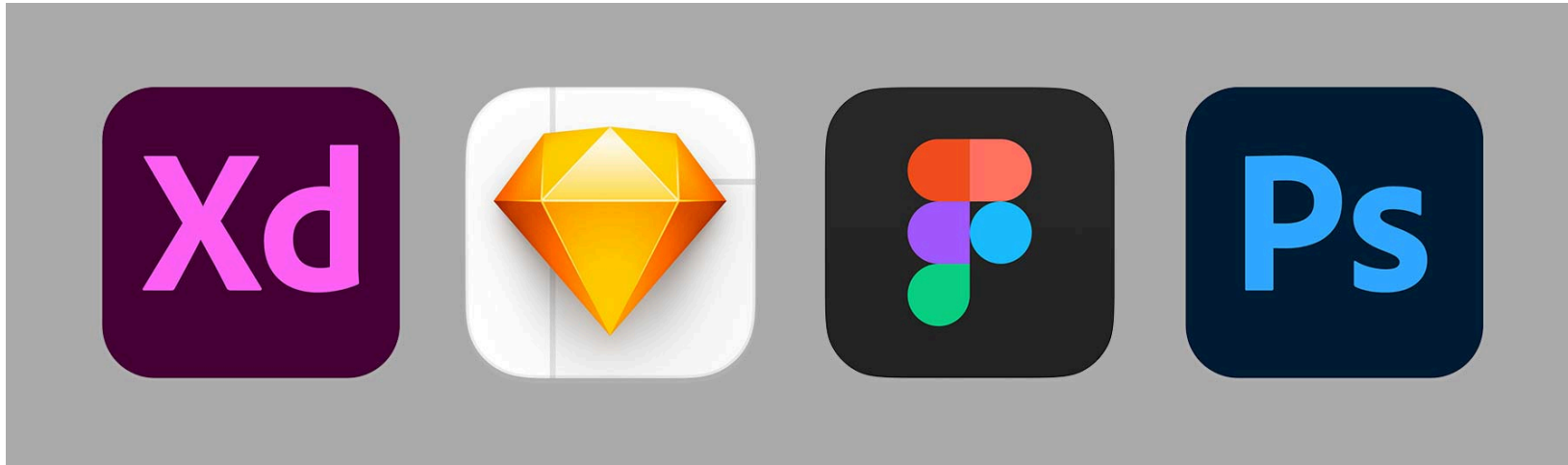- **Examples:** GitHub, GitLab, and Bitbucket.

- **Image**

Github link: https://github.com/

5. Graphic Design Software (Optional)

- **What it is:** Software for creating visual elements like logos, icons, and illustrations for your website.

- **Why you need it (Optional):** If you want to create custom graphics for your website, graphic design software can be helpful.

- **Examples:** Popular choices include Adobe Photoshop, Sketch, Figma.

- **Image:**

Figma link: https://www.figma.com/

Conclusion

With these essential tools in your arsenal, you're well on your way to becoming a web developer! Remember to experiment, learn new things, and most importantly, have fun building your creations.