Now that we know how to build websites from scratch so that they are visible to our users. One must wonder how we can achieve processing user information on our sites. This is where back end programming languages such as Ruby come into play. Ruby is a high-level programming language with various styles and compatibilities which makes it a popular choice amongst web developers. Ruby on Rails is a specific brand of Ruby that allows for popular web applications such as GitHub to operate the way they do.

Ruby on Rails is a collection of libraries and frameworks that developers can look to instead on writing all their code from scratch. By doing so Ruby on Rails reduces redundant code and increases code efficiency. That means that websites will load faster and be able to process their actions with slower load times. The use of frameworks also makes debugging easier for developers because since everyone is using similar chunks of code the same issues will arise and have commonly found solutions. This also makes expanding your websites functionality easier because online repositories often contain user modified code snippets that are flexible to any web design.

