- **Front-End**
  - The presentation layer
  - What the user sees and interacts with
  - What software tools do I use to build it and present it to the users
- **Back-End**
  - Where I code for the underlying business logic
  - The underlying database and code to interact with it
  - Authentication, User Management
- **Full Stack Developer**

  "A Full-Stack Web Developer is someone who is able to work on both the front-end and back-end portions of an application."
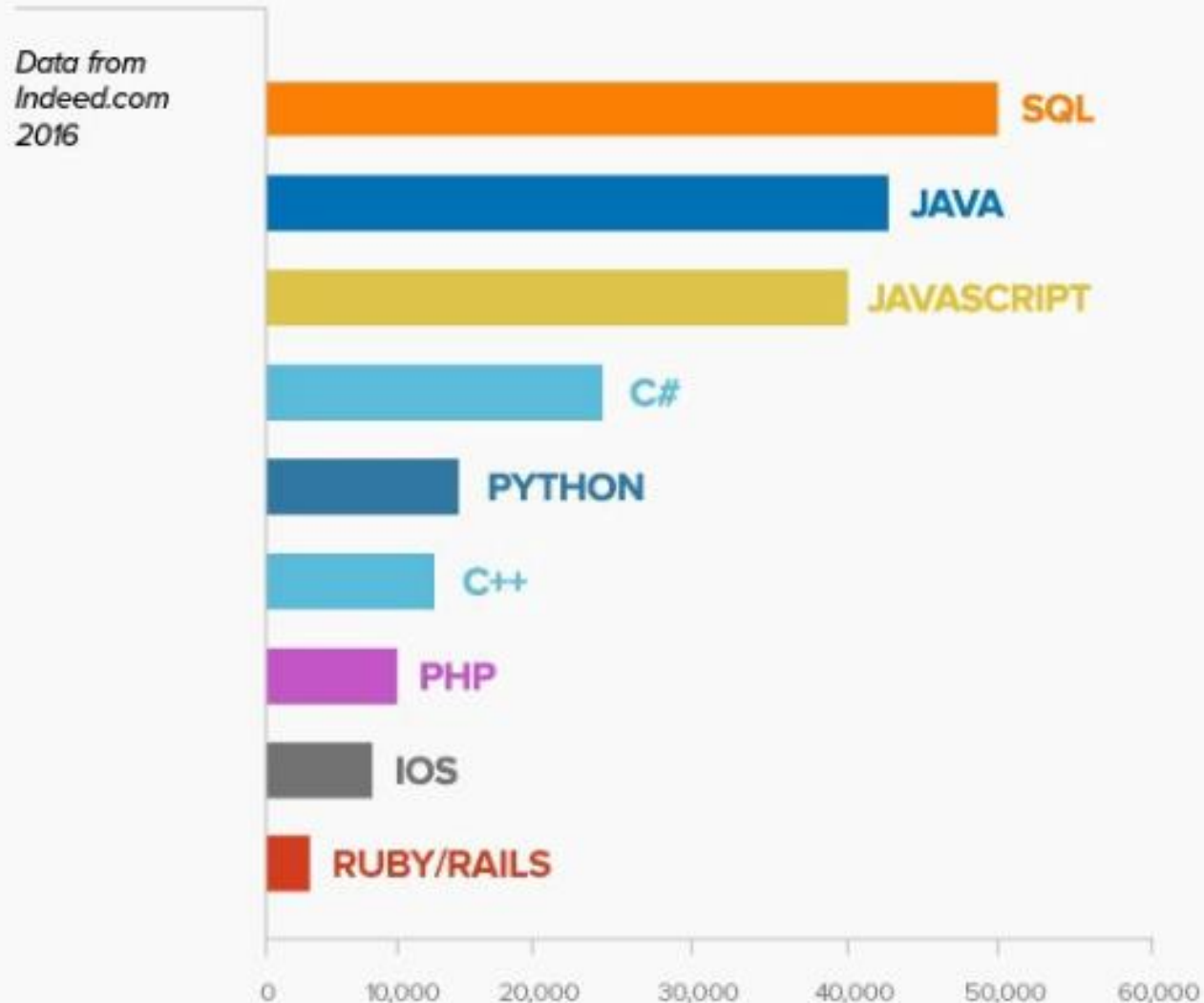
- **Web Pages**
  - HTML and CSS are the building blocks of every web site
  - HTML/CSS = "Front End"
  - Java Script
    - Popular language
    - Runs in browser on client side – Active Web Pages
    - Can also run on the server side

  "JavaScript is the most popular language in both Full-Stack, Front-end, and Back-end Development. It's the only language that runs natively in the browser, and can double up as a server-side language as well."
    - NodeJS is an implementation of Java Script

Languages ranked by number of programming jobs

Data from Indeed.com 2016

"Full Stack Developer"

- **If you want to become a Full-Stack Web Developer in 2017 and land your first job, below is a list of things you should learn.**
  - **HTML/CSS**
  - **JavaSript (node.js)**
  - **Backend Language**
    - **SQL, Java, pHp, c#, python, c++, php, IOS, ruby**
  - **Database – SQL, NoSQL**
  - **HTTP & REST**
  - **Git**
  - **Basic Algorithms & Data Structures**