# Get Acquainted with Web Development

Web Developer:

1. **Knockout-** is a JavaScript library that helps you to create rich, responsive display and editor user interfaces with a clean underlying data model
2. **WebSockets-** specification defines an API establishing “socket” connections between a web browser and a server.

Front-End Developer:

1. **PHP-** Stands for "Hypertext Preprocessor." (It is a recursive acronym, if you can understand what that means.) PHP is an HTML-embedded Web scripting language. This means PHP code can be inserted into the HTML of a Web page.
2. **Angular-** is a structural framework for dynamic web apps.

Back-End Developer:

1. **Valgrind-** is a programming tool for memory debugging, memory leak detection, and profiling
2. **Git-** is a distributed version-control system for tracking changes in source **code** during software development. It is designed for coordinating work among programmers, but it can be used to track changes in any set of files.

Javascript Developer:

1. **ES6-** refers to version 6 of the ECMA Script programming language. ECMA Script is the standardized name for JavaScript, and version 6 is the next version after version 5, which was released in 2011
2. **Test-driven development** (**TDD**)- is a development technique where you must first write a test that fails before you write new functional code. TDD is being quickly adopted by agile software developers for development of application source code and is even being adopted by Agile DBAs for database development.

Node Developer:

1. **MongoDB-** is a document-oriented, open-source database program that is platform-independent. MongoDB, like some other NoSQL databases (but not all!), stores its data in documents using a JSON structure. This is what allows the data to be so flexible and not require a schema.
2. **Chai-** is an assertion library that provides both the BDD and TDD styles of programming for testing your code in any testing framework