

Appendix

FRONTEND VERSUS BACKEND

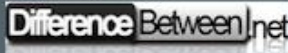
Frontend	Backend
Frontend refers to the client-side of the application.	Backend refers to the server-side of the application.
It is the part of the website users can see and interact with.	It constitutes everything that happens behind the scenes.
It typically includes everything that attributes to the visual aspects of websites.	It generally includes a web server that communicates with a database to serve requests that the frontend presents.
It forms the basis of what users can touch and experience on their web browsers.	It is the brain of the website that is never visible to the end users.
The essentials of frontend web development include HTML, CSS, and JavaScript.	The essentials of backend development include Ruby, Python, Java, .Net, etc. 

Table 1.0 Frontend vs Backend

Frontend: a part of the website that interacts with users directly, which is also referred as client-side. The languages used in frontend are HTML, CSS, JavaScript, and the frameworks and libraries are AngularJS, React.js, jQuery, and SASS.

Backend: the other part of the website that stores and arranges data and connects to the frontend to ensure everything on the client-side is working properly, it is also referred as server-side. Some of backend languages are PHP, C++, Java, Python, JavaScript, Node.js, and the list of frameworks are Express, Django, Rails, Laravel, Spring. etc.