Who Is a Full Stack Developer?

When you work with an application, who do you think is generally responsible for it? I am sure you would think of a web developer. Although you are partially right, a full stack developer is an umbrella term for those who develop a full-blown application. This article on "Who is a full stack developer" covers the following topics:

1. Who is the full-stack developer?
2. Full-stack developer skills
3. roles and responsibilities
4. A full stack developer salary

S

Who is the full-stack developer?
Suppose you are using your Instagram application. Whenever you refresh, new content loads on your screen. You can like a picture, add new ones, search profiles and more. Although it provides a seamless user experience, there is much more that goes on in the backend. HTTP requests are made on Instagram servers to receive and load information. This has been facilitated with the help of the backend framework.

Usually every application includes front-end, backend and database.

A full stack developer is involved with building an application from its beginning to the end. He designs the front-end and backend of an application, ensuring its efficiency, reliability, and other important features.

Skills of a full stack developer
Now that you know what a full stack developer does, let's look at the skills needed to become one.

Front-end language and framework
HTML and CSS
The HTML of hypertext markup language controls the presence of text / images on the short screen. It formats the text as headings, paragraphs, pop-ups, etc. It usually includes tags that give a different meaning to the text in the document structure.

CSS (Cascading Style Sheets) is a style sheet that allows changing and styling various web components for font, size, spacing, and more. This makes the content on the webpage more decorative.

JavaScript
It is a powerful client-side programming language that is primarily used to enhance user interaction with applications. It provides many libraries and frameworks such as React, Angular, Vue, and JQuery. A full stack developer must be proficient in one or more of these tools.

Backend Technologies and Framework

JavaScript and its environments such as NodeJS and ExpressJS. Node is an open-source, cross-platform runtime environment that allows developers to build server-side tools and JavaScript applications. Knowledge of basic command line like NPM (Node Package Manager) is required.

Java, in particular, was built from the ground up to run on the server-side. Popular Java frameworks include Spring and Java Server Faces.

Python is the most commonly used language. It is flexible and easy to use. For backend development we use Python frameworks like Django and Flask. Django is a high-level Python web framework that enables rapid development of websites. It is free and open-source, has a large and active community of users.

The C # language is for many of the most preferred architectures when it comes to backend programming in a Windows environment.

Other languages include PHP, Perl and Ruby.

Database Management Systems

A full-stack developer writes code that is used to perform relational mapping to obtain data from the database. Some popularly used DBMS are MySQL, SQL SERVER and PostgreSQL, MongoDB and Oracle databases. A good understanding of their functioning is important.

version control

The version control system helps manage project files and keep track of the entire history of user things. Popular ones are Git, Github, and Subversion.

Git helps in managing project files. It monitors the entire history of the things the user is working on. GitHub is a web-based service for version control using Git. The user can view other people's code, identify issues or errors, and even propose changes.

Web hosting platform

The web hosting platform allows you to deploy your product to a cloud service provider so that we can access it from WWW. The popular ones are Amazon Web Services, Google Cloud Platform, Haroku and Microsoft Azure.