

Role-Based Training Solutions: Programming and Development

Part of what's most daunting for Developers is the training and experience required for roles in this field. To help professionals learn on-the-job skills that will propel your business forward, Dell Technologies has compiled a list of our recommended training courses for job roles surrounding Programming and Development.

App Developer

Application development involves the process, life cycle and creation of the software aimed at helping users complete a computer task or program. App Developers work closely with computer analysts and engineers in using languages such as Java, C++ or ORACLE to develop the necessary specifications for software. Developers may also test, debug and improve generally faulty applications for clients.

Recommended Training for App Developers

[Android Studio Development Essentials](#)

[iOS App Development Essentials](#)

[Introduction to Java 9](#)

Front-End Web Developer

Front-End Developers are focused on the client-side and are responsible for the look, feel, and design of a website. These professionals are responsible for a website's user-facing code and the architecture of its immersive user experiences. To execute their objectives, Front-End Developers must be adept at three main languages: HTML, CSS, and JavaScript programming. In addition to fluency in these languages, Front-End Developers need to be familiar with frameworks like Bootstrap, Foundation, Backbone, AngularJS, and EmberJS.

Recommended Training for Front-End Web Developers

Web Browsers, Web Servers, HTTP, Sites & Pages

[HTML5 - Content Authoring Fundamentals](#)

[WordPress Fundamentals](#)

Comprehensive HTML5 and CSS

[HTML5 - Content Authoring with New and Advanced Features](#)

Comprehensive JavaScript & CSS

[JavaScript Essentials with jQuery](#)

Software Developer

Software Developers oversee the entire development process for a software program. Some develop the applications that allow people to do specific tasks on a computer or other device. Others develop the underlying systems that run the devices or control networks. Developers usually work closely with computer programmers. However, in some companies, developers write code themselves instead of giving instructions to computer programmers.

Recommended Training for Software Developers

[Advanced Java 9](#)

[DevOps Foundation](#)

[Introduction to R Programming](#)

[Python 3 Essentials](#)

Back-End Web Developer

Back-End Web Development refers to the server side of development, where individuals are primarily focused on how the site works. Making updates and changes, in addition to monitoring functionality of the site, is their primary responsibility. This type of web development usually consists of three parts: a server, an application, and a database.

Recommended Training for Back-End Web Developers

Prerequisite Knowledge for Java and/or ASP.NET

[HTML5 - Content Authoring Fundamentals](#)

Java

[Introduction to Java 9](#)

[Advanced Java 9](#)

Full-Stack Web Developer

Full-Stack Developers can work cross-functionally on the full "stack" of technology—both the front-end and back-end. Full-Stack Developers, like Back-End Developers, work on the server side of web programming, but they can also fluently speak the Front-End languages that control how content looks on a site's user-facing side.

Recommended Training for Full-Stack Web Developers

Web Browsers, Web Servers, HTTP, Sites & Pages

[HTML5 - Content Authoring Fundamentals](#)

[WordPress Fundamentals](#)

Comprehensive HTML5 and CSS

[HTML5 - Content Authoring with New and Advanced Features](#)

Comprehensive JavaScript & CSS

[JavaScript Essentials with jQuery](#)

Back-End Development - Focus on Java

Comprehensive HTML5

[HTML5 - Content Authoring with New and Advanced Features](#)

Java

[Introduction to Java 9](#)

[Advanced Java 9](#)