JumpStart to using Modern JavaScript (TT4110) Training

Duration: **3 Day**

BILGINÇ IT Academy
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Overview

Learn essential skills for developing modern web applications.

JavaScript is a core technology that supports modern web development creation and design. In this course, you will thoroughly explore writing JavaScript and learning techniques and best practices for using it with today's systems and architectures, enabling you to develop sophisticated web interfaces.

This comprehensive course provides a balanced mixture of theory and practical labs, guiding you through the fundamentals of JavaScript and its related technologies—up through the use of tools and libraries to ease the development of advanced web applications. Upon completing this course, you will be able to design, implement, and deploy robust, flexible, and secure JavaScript-based applications.

Who Should Attend?

Developers who want to use JavaScript to build user-friendly, feature-rich webpages and websites

What You Will Learn

- What JavaScript is and how it is used within the context of web applications
- Work with the different technologies that are the foundation for web applications.
- Work with the fundamental aspects of JavaScript in terms of web applications, security, tools, and frameworks
- Examine application security, ranging from web application issues to the vulnerabilities and threats that are specific to JavaScript

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Outline

1. HTML and CSS Review

- HTML Review
- CSS Review
- CSS3 Overview

2. JavaScript

- JavaScript Basics
- Debugging Tools
- JavaScript Functions
- JavaScript Arrays
- JavaScript Strings and Regular Expressions
- Object-Oriented JavaScript
- JavaScript Event Handling
- Advanced JavaScript

3. Working with DOMs

- HTML DOM Mechanics
- XML DOM Mechanics
- XSLT Applied

4. Advanced Topics

- JavaScript Best Practices
- Performance and Optimization
- Security