



# WEB DEVELOPMENT

BRING THE PIECES TOGETHER

# AJAX



# About Course

AJAX allows web pages to be updated asynchronously by exchanging data with a web server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

# AJAX

## CURRICULUM

### ① Ajax Basics

What is Ajax?

Ajax Rich Clients in the Real World

Ajax Advantages and Disadvantages

The Purpose of Ajax

The Traditional Web Application

An Ajax Web Application

Alternatives to Ajax

### ② Ajax Components

The XMLHttpRequest Object

Handling the Response

Ajax Events

The Callback Function

### ③ DOM

Document Object Model Overview

DOM level 0

**DOM level 1**

**DOM level 2**

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## **Passing Data**

**XML Introduction**

**XML and Ajax**

**XML,DOM and Javascript**

**Dynamic Tables**

**JSON**

**Review of Object Literals**

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## **Server Side Code**

**The Role of the Server**

**Working with the Server Side**

**Coding the Server Side**

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## **Ajax Applications**

**Login Form**

**Quick Lookup Form**

**Preloaded Data**

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## **XSLT Transformations With JavaScript**

**Basic XSLT**

**XSLT in the Browser**



## 8 Ajax/Javascript Frameworks

The Purpose of Framework Dojo  
Prototype  
Other Popular Frameworks

## 9 More Ajax Applications


Inline Editing  
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 [www.softcrayons.com](http://www.softcrayons.com)

 [info@softcrayons.com](mailto:info@softcrayons.com)

 (+91) 854 501 2345

 693, Sector 14-A, Vasundhara,  
Ghaziabad (U.P.), 201012

   @softcrayons