

Web Application Development

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> Part – 1 : HTML and CSS	G Guruprakash
HTML5 Basics and Basic Tags	© Guruprakash
<u>Tables</u>	G Guruprakash
<u>Forms</u>	G Guruprakash
HTML5 Tags	G Guruprakash
HTML Graphics	G Guruprakash
HTML Media	G Guruprakash
HTML APIS	G Guruprakash
Background, Borders, Margin, Box Model	G Guruprakash
Styling Text, Fonts	G Guruprakash
<u>List, Links, Tables</u>	G Guruprakash
CSS Overflow, Float, Inline Blocks	G Guruprakash
<u>Pseudo-classes, Pseudo-elements</u>	G Guruprakash
CSS Border Images, Rounded Corners	G Guruprakash
Part – 2 : Java Script	G Guruprakash
Introduction to JavaScript	G Guruprakash
<u>Variables, Control Statements, Loops</u>	G Guruprakash
Arrays, String Handling	G Guruprakash
Functions in JavaScript	G Guruprakash
Inputting and Outputting from Form Elements to JavaScript	G Guruprakash
DOM Concept, Creating HTML Elements using JavaScript	G Guruprakash
<u>Drawing 2D Shapes, Handling Events</u>	G Guruprakash
Introduction to AJAX	G Guruprakash
<u>jQuery</u>	G Guruprakash
Part – 3 : AngularJS	G Guruprakash

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Introduction to Single-Page Applications	G Guruprakash
AngularJS as a framework for building SPAs	G Guruprakash
Two-Way Data Binding	G Guruprakash
MVC in AngularJS	G Guruprakash
Controllers and User Inputs	G Guruprakash
Loops and Iteration	G Guruprakash
Client-Side Routing and Accessing URL Data	G Guruprakash
Various Ways to Provide Data in AngularJS	G Guruprakash
Part – 4 : PHP & MySQL	G Guruprakash
Server-Side Scripting and Difference with Client-Side Scripting	G Guruprakash
Introduction to PHP, Variables, Control Statements, Loops	G Guruprakash
Arrays and String Handling	G Guruprakash
PHP Forms and Global Variables	G Guruprakash
Regular Expressions and Pattern Matching	G Guruprakash
<u>Database Programming: Inputting and Outputting Data from MySQL using PHP</u>	G Guruprakash
State Management in Web Applications: Cookies	G Guruprakash
Application and Session State	G Guruprakash
Parts – 5 : XML	G Guruprakash
Introduction to XML	G Guruprakash
XML Tags, Elements, and Attributes	G Guruprakash
Attribute Types in XML	G Guruprakash
XML Validation: DTD and XSD	G Guruprakash
XML DOM (Document Object Model)	G Guruprakash

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