



UI TECHNOLOGIES

(HTML5, CSS3, JavaScript, ES6, JQuery, AJAX, Bootstrap 4)

<p><u>Introduction to UI / UX</u> Web Application Architecture Technologies used to Web Development Project Development Process List of environments involved in Development Types of Software Companies Roles of UI Developer Roles of UI Designer Difference between UI Developer & UI Designer</p> <p><u>Tools Used for UI / UX</u> Development Environment Setup Installation of Editors Installation of Node JS Installation of Live Server How to download source code for development Integrate the source code with the editor Usage of live server Usage of Source Code Introduction to Web</p> <p><u>Introduction to HTML 5</u> How it works Structure of an HTML Doc HTML First Application Rules of HTML coding HTML Headings HTML Paragraphs HTML DIV Tag HTML Span Tag HTML Text Formatting Tags HTML Un ordered Lists HTML Ordered Lists HTML Images HTML Tables HTML Links HTML Entities HTML I frames Project: The Great India Website</p>	<p><u>HTML Forms</u> Introduction to HTML Forms HTML Form Elementslike Input,text area, select Box,data list etc. HTML Form Input Types HTML Form Attributes HTML Field Set& Legend Tags Project: Online Job Application Form</p> <p><u>Layout Elements in HTML 5</u> Introduction HTML Header Tag HTML footer Tag HTML Section , Article Tags HTML Aside Tag HTML Nav Tag HTML figure ,figcaption tags HTML Details , Summary tags HTML Audio , Video tags Project: Corporate Training Website</p> <p><u>Introduction to CSS3</u> Introduction, CSS Selectors, CSS Pseudo classes selection Inline CSS, Internal CSS, External CSS CSS Basics CSS Colors RGB , HEX , HSL , RGBA , HSLA CSS Backgrounds CSS Borders CSS Margins CSS Paddings CSS Outlines CSS Text Formattings CSS Fonts CSS Links CSS Tables CSS Positions CSS Box Model CSS Display Properties CSS Floats CSS Vertical Navigation bar CSS Horizontal Navigation bar</p>	<p>CSS Dropdowns CSS Dropdown Navigation bar CSS Tooltips CSS Forms CSS Image Gallery CSS 2D Transformation CSS 3D Transformation CSS3 Transitions CSS3 Animations CSS3 Advanced Animations CSS3 Custom Buttons CSS3 Flex Boxes CSS3 Media Queries CSS3 SASS, LESS CSS Minifies Best Practices in CSS Project: Technology Portal Website Project: Online Resume Website</p> <p><u>JavaScript with ES6</u> Introduction to JavaScript JavaScript features Understanding Runtime Env Why to Learn JavaScript Setting up Development Env JavaScript Variable Declaration JavaScript Data Types JavaScript Operators JavaScript Conditional Statements JavaScript Intro Data Structures JavaScript Objects JavaScript Arrays JavaScript Functions JavaScript Math , Date , String , Number Objects JavaScript DOM Intro JavaScript DOM Manipulations JavaScript Event Handling JavaScript Event Listeners JavaScript Form validation JavaScript Number App JavaScript Calculator App JavaScript SMS App JavaScript Digital clocks</p>
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<p>JavaScript Dependent Select Boxes Project: JavaScript Typing Tester App</p> <p><u>Advanced JavaScript</u> JavaScript Callback Functions JavaScript Promises JavaScript Scopes & Closures ES6 features ES6 Template Strings ES6 for-of loops ES6 Lambda / Arrow Functions ES6 DE structuring Concept ES6 Spread Operators ES6 Classes ES6 Inheritance with Classes ES6 Collections like Map, Set JavaScript Exception Handling Project: JavaScript Book Store App</p> <p><u>JQuery</u> Introduction JQuery Basics JQuery Selectors JQuery Events JQuery Effects JQuery Examples JQuery DOM Manipulation JQuery forms Manual JQuery forms Automatic JQuery with Bootstrap App JQuery Magnifier Plugin JQuery Count To Plugin JQuery Gauge Plugin JQuery Calculator App JQuery Dependent Select boxes JQuery Form Validation AJAX Basics JSON Basics</p>	<p>JavaScript AJAX JQuery AJAX JQuery AJAX with Bootstrap Project: JQuery Typing Tester App Project: JQuery Employee Registration App</p> <p><u>Bootstrap 4</u> What is Bootstrap? Features of Bootstrap History of Bootstrap Bootstrap Overview Bootstrap Installation Tools Used for Web Development Setting Development Environment Bootstrap First Application Bootstrap Components Overview</p> <p>Basic Typography Text Alignment & Display Floats Position in Bootstrap Colors Background Spacing in Bootstrap Sizing in Bootstrap Breakpoints in Bootstrap Buttons in Bootstrap Navigation bars in Bootstrap List groups and Badges in Bootstrap Forms in Bootstrap Input groups in Bootstrap Alerts & Progress bars in Bootstrap Tables & Pagination in Bootstrap Cards in Bootstrap Media Objects Grid System in Bootstrap Grid Alignments in Bootstrap Flex boxes in Bootstrap</p>	<p>Auto margin & wrapping order in Carousels in bootstrap Collapse classes in Bootstrap Tooltips in Bootstrap Popovers in Bootstrap Modals in bootstrap</p> <p>Project: Corporate Website Project: Admin Dashboard Website</p>
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Course Highlights:

- Complete Real Time Oriented Course Structure
- Laptops are mandatory for attending this course.
- Each Technology will be covered from Zero to Hero strategy.
- Each Technology is perfectly organized with Starter Template and Completed Template.
- Complete Source code will be provided time to time after completion of each Technology.

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