SecuLabs

Complete Web Development & Designing
(6 Months)

Introduction to Internet & Web –

1. Client – Server Architecture
2. The History of Internet & the Web
3. Evolution of Web Standards
4. Web Standards Model – HTML, CSS, JavaScript, PHP, MYSQL
5. Color Schemes & Design Mock-ups
6. Typography on the Web
7. Overview of Web Frameworks & Platforms
8. Building up the site wireframe
9. Introduction to Domain and Hosting
10. Managing the DNS Server
11. Domain Registration and Website integration
12. Website Planning

Web page design with HTML, CSS, PHP & JavaScript Basics –

1. The Basics of HTML
2. Open and Closing Tags
3. Marking up Textual Contents in HTML
4. HTML Lists, Images in HTML, HTML Links, HTML Tables, HTML Forms
5. Lesser Known Semantic Elements
6. Validating your HTML Elements
7. HTML Editors, HTML Forms, HTML Iframe, HTML Formatting
8. Creating Forms & Validations
9. Creating Contact Form in PHP
10. Web Server Setup
11. CSS – Inheritance and Cascade
12. Text Styling with CSS
13. CSS layout Model – Boxes, Borders, Margins, Padding
14. CSS – Floating & Clearing, Static and Relative Positioning

15. Introduction to Headers, Footers, Columns & Templates
16. Introduction to JavaScript & their functions
17. Development and project management in Aptana Studio
18. Adaptation of website design into development stage using Adobe Photoshop

Introduction to HTML5 –

1. Journey of HTML to HTML5
2. Get Familiar with HTML5
3. HTML5 Canvas – The Basics
4. Usage of Dreamweaver and Expression Web
5. HTML5 Client Controls
6. Enhancements in CSS3
7. JQuery basics
8. Encryption Support by HTML5 – Security
9. Conversion of PSD to HTML
10. Creating Interactive Web Pages

Content management Systems –

1. Introduction to CMS Platforms – Wordpress, Joomla, Open cart, Woo commerce,
     Kohana Framework
2. Designer and Admin Panel – The Basics
3. Theme and Plugin Installation
4. Theme and Plugin Customization
5. Newsletter Management
6. Introduction to Mobile Web Development
7. E-Commerce Web Development
8. Installation of Word press & Joomla Platforms
9. Payment Gateway integrations
10. Custom Plugin Development

Money Making, SEO & Security –

1. Security of a Domain Panel
2. Security with HTACCESS
3. Forbidden Directory Listening
4. Meta Tags and Back-linking

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5. PHP Encryption & Decryption
6. SQL Security
7. Security from XSS, CSRF, SSI Attacks
8. Input Validation Security
9. Buy/Sell Domains
10. Domain Trading
11. Make Money from Online Projects
12. Introduction to Freelancing
13. Freelancing – Basics to Advanced
14. Website Promotion
15. Responsive Web Design
16. Search Engine Overview
17. Social Media Optimization
18. Reporting & Monitoring
19. Paid Advertising (CPC and PPC)