Overview

From beginners to full-stack development level, PageCarton Development Bootcamp is the perfect place the nurture and grow one's web site and app development skills. Learn deep, fast and become a professional almost instantly through our innovative learning methods.

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Level 1 (Beginner)

This program leads to a Level 1 Award Certification in Web Development Technology. In this level, participants new to PageCarton will run through a curriculum to use the basics of PageCarton to solve real-life problems through creation of functional websites and apps. The program will run concurrently in different locations. Training will be conducted using a mix of on-ground facilitators and LIVE telecast.

Day 1 Schedule

	To do		Time	Duration (mins)
	Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00am	120
1.	**Welcome Address** The Programs Director of PageCarton will do a telecast welcoming all participants from different locations and stating the things we hope to achieve with this Bootcamp.	LIVE Telecast	10:00am	15
2.	**Introduction of Participants** Participants will take turns to introduce themselves. Saying their name and what they do and they would state what they will like to achieve in this Bootcamp.	LIVE Telecast	10:20am	30
3.	**Launching a Website before lunch break.** Participants would create a corporate website within 2 hrs. 1. Create a new site on PageCarton.com 2. Use the New Site Wizard to Build a Site 3. Add all the required contents 4. Changing Logo and Favicon 5. Preview the site 6. Share the site	Practical Workshop Aided with LIVE telecast	11:00am	120
	Lunch Break		1:00pm	30

	Participants will be served a light snacks and a soft drink/water.			
4.	**Exporting/Importing of Sites** 1. Creating a Back up and 2. Downloading it 3. Creating a new site and Importing backed up site into a new site	Practical Workshop Aided with LIVE telecast	1:30pm	30
5.	**Working Offline** Participants will install a localhost server on their personal computer so they can work without the use of internet. 1. install and use XAMPP server. 2. Install PageCarton 3. Import and export back up site offline	Practical Workshop Aided with LIVE telecast	2:00pm	60
6.	**Showcasing the PageCarton Admin Panel.** Indicating direct links to access the admin panel and the home page. And Showing different things that can be done with it. 1. How to access the admin panel offline 2. How to access admin panel online	Practical Workshop Aided with LIVE telecast	3:00pm	30
7.	**Introduction to Digital Marketing** Participants will be exposed to the concepts of Digital Marketing and mediums/methods	LIVE Telecast	3:30pm	30
8.	**Creating a blog site for personal use online (Classwork)**	Practical Workshop Aided with LIVE telecast	4:00pm	60
9.	**Creating a Progressive Web App using your website. This process should be done on a local installation.** 1. Installing the PWA Plugin 2. Customizing the plugin 3. Testing the App offline 4. Installing App to Device Home screen using chrome on desktop	Practical Workshop Aided with LIVE telecast	5:00pm	60

Day 2 Schedule

	To do		Time	Duration (mins)
	Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00	120
10.	**Simple Graphics Tools with Mobile Phones. Participants will edit and create new graphics using the following apps.** 1. Snapseed App 2. Textgram 3. Canva.com	Practical Workshop Aided with LIVE telecast	10:00	60
11.	**Using Social tools in Online Marketing Strategies** 1. WhatsApp 2. Facebook 3. Instagram	Practical Workshop Aided with LIVE telecast	11:00	60
12.	**Search Engine Optimization for Beginners** How to make your web content to be found easily on Google and other search engines	Practical Workshop Aided with LIVE telecast	12:00	60
	Lunch Break Participants will be served a light snacks and a soft drink/water.		1:00pm	30
13.	**Creating a website without theme** Participants will create a site with the default PageCarton theme online. Users will go through the following process 1. Create a new site 2. Edit Home Page 3. Adding Content to Home Page 4. Previewing Home Page 5. Creating a new page and adding text content to the page.	Practical Workshop Aided with LIVE telecast	1:30pm	120
14.			2:30	30

	Custom Forms 1. Adding Custom Forms and showing the form on a page 2. Getting form Response Data 3. Editing and Deleting a Form			
15.	Navigation 1. Navigation - Creating custom menu and showing it on a page. 2. Adding menu options		3:00	30
16.	File Manager 1. Uploading Documents 2. Retrieving the links to the uploaded files		3:30	30
17.	Personal Web Project Starts Participants will start a web project they desire to work on. Completion of this web project will be the basis of issuance of the Level 1 Award Certification for Website Development Technology. Participants have an option to build any variant of the following website categories. • A website for an existing business • Personal website for a renowned personality Participants do not have to complete the project at the Bootcamp. All participants should join the PageCarton Community by filling the form on www.pagecarton.org/join so they can get mentorship and help on the project.		4:00	120

Day 3 Schedule

	To do		Time	Duration (mins)
	Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00	120
18.	Personal Web Project Mentorship	Practical Workshop Aided with LIVE	10:00	480

1. Project Selection   telecast
2. Step-by-step Guidance
3. Information about
certification and next
steps

Level 2 (Intermediate Developer)

This program leads to a Level 2 Award Certification in Web Development Technology. In this level, participants who are already familiar with Web Technology will run through a curriculum to use the methods of PageCarton to enhancing websites and apps with customization technics. The program will run concurrently in different locations. Training will be conducted using a mix of on-ground facilitators and LIVE telecast. Participants are expected to have gone through the Level 1 Certification before going through this course.

Day 1 Schedule

	To do		Time	Duration (mins)
	Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00am	120
1.	**Welcome Address** The Programs Director of PageCarton will do a telecast welcoming all participants from different locations and stating the things we hope to achieve with this Bootcamp.	LIVE Telecast	10:00am	15
2.	**Introduction of Participants** Participants will take turns to introduce themselves. Saying their name and what they do and they would state what they will like to achieve in this Bootcamp.	LIVE Telecast	10:20am	30
3.	**Launching a Website before lunch break.** Participants would demonstrate that they could use PageCarton on a basic level. 1. Create a new site on PageCarton.com 2. Use the New Site Wizard to Build a Site 3. Add all the required contents 4. Changing Logo and Favicon 5. Preview the site 6. Share the site	Practical Workshop Aided with LIVE telecast	11:00am	120
	Lunch Break Participants will be served a light snacks and a soft drink/water.		1:00pm	30

			Time	Duration (mins)

4.	**HTML5 Crash Course**
	
	A brush-up on HTML will be thought here. Participants will be run through the needed knowledge of HTML needed for this program.
	
	1. What is HTML
	   a. Elements
	      i. Tags
	      ii. Attributes
	   b. Viewing Web Page Source to study HTML of websites
	   c. Important tags for this course
	      i. Images - <img>
	      ii. Forms - <form>
	         1. <input>
	      iii. Words - <p>, <h1>, <h2>, <h3> etc
	      iv. Containers - <div>, <span> etc
	2. Why use Code Editors?
	   a. Notepad++
	   b. Visual Studio Code
	3. Participants would write HTML code to display headers, paragraphs, image, forms.
	
	An HTML5 e-book will be shared with participants so they could learn more at their pace.
		Practical Workshop Aided with LIVE telecast	1:30pm	120

5.	**Customizing Themes**
	
	Participants will be guided into creating and customizing standard themes to customize web sites and apps built with PageCarton
	
	1. Sourcing for templates
	2. Importing ready-made templates into PageCarton
	3. Customizing Templates
	   a. Editing Main Theme Layout
	   b. Updating Theme Pages
	   c. Integrating Logo
	4. Integrating PageCarton Widgets into templates
	   a. Integrating Auto-Posts
	   b. Integrating Auto-Navigation
	   c. Making Forms Work
	   d. Integrating Post Categories
	   e. Integrating Static Content through Replaceable Texts.
	5. Exporting Themes
	6. Uploading Themes into PageCarton Themes Repository.
		Practical Workshop Aided with LIVE telecast	3:30pm	150

Day 2 Schedule

To do		Time	Duration (mins)
Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00am	120

6.	**HTML Add-ons**
	
	    A. Widget Wrappers
	    B. Post Display Style
	    C. Navigation Display Style
	    D. Slideshow Display Style
		LIVE Telecast	10:00am	180

	Lunch Break Participants will be served a light snacks and a soft drink/water.		1:00pm	30

7.	**Building Plugins**
	
	Using all the add-ons created in other PageCarton installations.
	
	    1. Creating Plugin
	    2. Downloading Plugin
	    3. Installing Downloaded plugin on other installations
	    4. Publishing plug-in to PageCarton Plugin Repository
		Practical Workshop Aided with LIVE telecast	1:30pm	120

8.	**Project Starts**
	
	A level 2 project involves creation of themes and plugins for PageCarton repository. Participants will
	
	    1. Create a Blog Theme
	    2. Create an E-commerce Theme.
	    3. Create a Theme for a Corporate Website
	    4. Create a plugin that includes HTML add-ons
	
	All created items will be published on PageCarton Repository
		Practical Workshop Aided with LIVE telecast	3:30pm	150

Day 3 Schedule

	To do		Time	Duration (mins)
	Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00	120

9.	**Project Mentorship**
	
	    A. Project Selection
	    B. Step-by-step Guidance
	    C. Information about certification and next steps
		Practical Workshop Aided with LIVE telecast	10:00	480

Level 3 (Advanced Developer)

This program leads to a Level 3 Award Certification in Web Development Technology. Participants will create and customize web sites and apps through Widgets, Databases, Cron and Hooks. The program will run concurrently in different locations. Training will be conducted using a mix of on-ground facilitators and LIVE telecast. Participants are expected to have gone through the Level 1 & Level 2 Certification before going through this course.

Day 1 Schedule

	To do		Time	Duration (mins)
	Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00am	120
1.	**Welcome Address** The Programs Director of PageCarton will do a telecast welcoming all participants from different locations and stating the things we hope to achieve with this Bootcamp.	LIVE Telecast	10:00am	15
2.	**Introduction of Participants** Participants will take turns to introduce themselves. Saying their name and what they do and they would state what they will like to achieve in this Bootcamp.	LIVE Telecast	10:20am	30
3.	**PHP Crash Course** A brush-up on PHP programming language and how to use it to build for PageCarton A. Variables B. Functions C. Classes D. Constants E. Hello World Application	Practical Workshop Aided with LIVE telecast	11:00am	120
	Lunch Break Participants will be served a light snacks and a soft drink/water.		1:00pm	30

4.	**Databases**
	
	• What are databases?
	• Creating a database
	• Using database
	    o Adding Data.
	    o Updating Data
	    o Deleting Data
	    o Updating Database Tables
	
	• Database Accessibility
	    o Protected
	    o Private
	    o Public
		Practical Workshop Aided with LIVE telecast	1:30pm	120

5.	**Widgets**
	
	• What are widgets?
	• Creating a widget
	• Outputting content to the front-end
	• Previewing a Widget
	    o Accessing through /widget url and other page modules.
	    o Adding Widget to a Page
	    o Using PageCarton Class Player
	• Performing programmatic logic in widgets
	• Setting & Getting Parameters
	• Widget Variables
	• Markup Templates
		Practical Workshop Aided with LIVE telecast	3:30pm	120

Day 2 Schedule

	To do		Time	Duration (mins)
	Arrival of Participants Participants are expected to be seated in the training venue by 10 am.	LIVE	8:00am	120
6.	**CRUD System** Participants will then create a Simple CRUD system. An application that adds a record, updates a record and deletes a record. Facilitator will decide whether participants will build programmatically any of the following: • A guest book • Contact Form • Restaurant Table Reservation	Practical Workshop Aided with LIVE telecast	10am	180

7.	Lunch Break		1.00pm	30 mins
8.	**Hooks** • What are hooks? • Hooking Widgets to Other Widgets	Practical Workshop Aided with LIVE telecast	1:30pm	60
9.	**Cron** • What is a cron? • Automating Widgets action with Crons	Practical Workshop Aided with LIVE telecast	2:30pm	60
10.	**PageCarton API** • Users • Validators • Filters • Libraries	Practical Workshop Aided with LIVE telecast	3:30pm	60
11.	**Project Starts** • Plugin extending features for a PageCarton site. • Project extends to Day 3 • The whole of Day 3 is for project	Practical Workshop Aided with LIVE telecast	4:30pm	90

What next?

Participants that successfully complete any of this program

1. Get certificate to back up their training
2. Will be able to train others under the auspices of the PageCarton Website Development Bootcamp and earn a percentage of the revenue generated during the Bootcamp.
3. Able to proceed to next level in the Bootcamp Program

Benefits of completing your training:

1. Earn money by partnering with PageCarton in the next monthly bootcamps and meetups.
   a. Earn via Volunteering Opportunities
   b. Earn via event promotions
2. Ability to proceed to the next level in Award Certification in Web Development Technology at a discounted rate.
3. Get admitted into the PageCarton Job Network for possible instant employment and partnerships.

Participants available to join as partners are to contact the facilitators and indicate their interest so they can be absorbed into the program