



Bootstrap Basic

WordPress Meetup Bangkok @ Hubba
How to design and create themes faster and better.

Speaker



Woratana Ngarmtrakulchol (Perth)

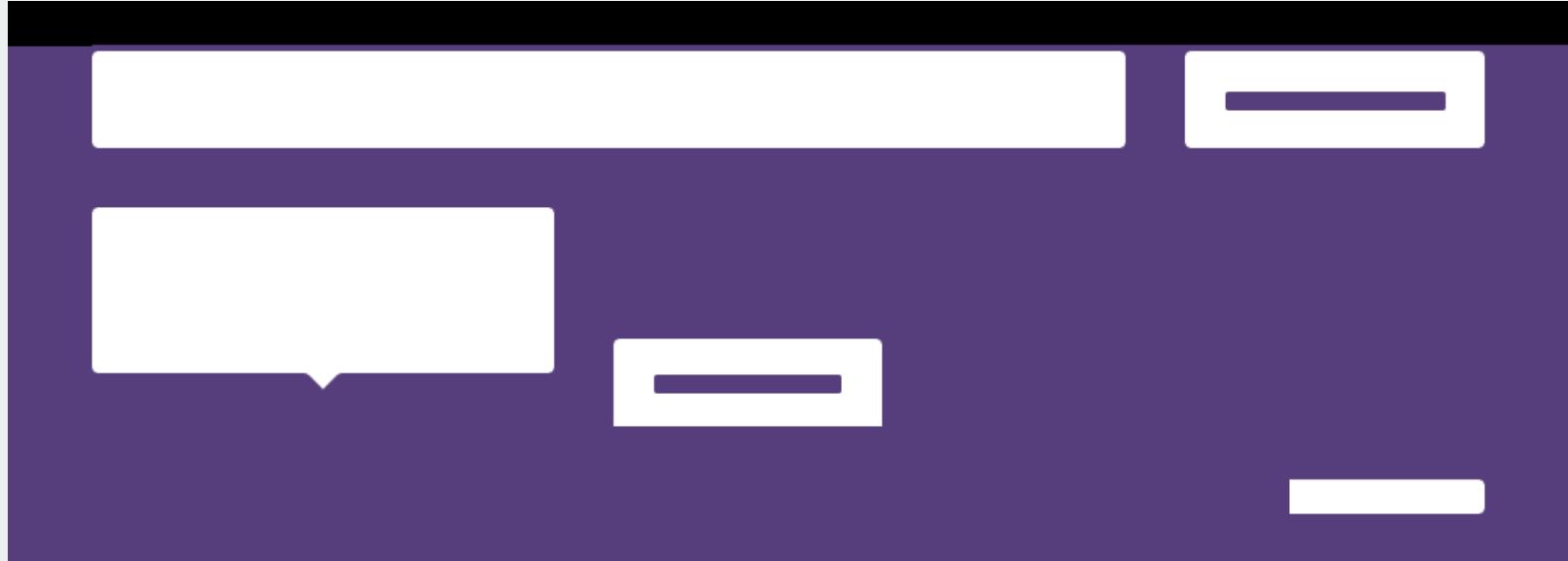
- **Founder of *Designil.com***
- **Front-end Developer at *Neumerlin Communications co. ltd.***
- **Front-end Developer & Co-founder at *Midnize Studio* and *Concept Reach***

Interested in: WordPress, Front-end development, Web Design, HTML5 Game



Bootstrap is Front-end Framework

HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

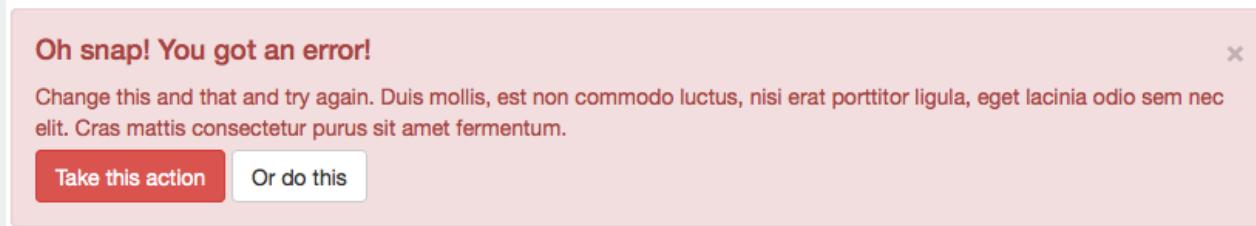
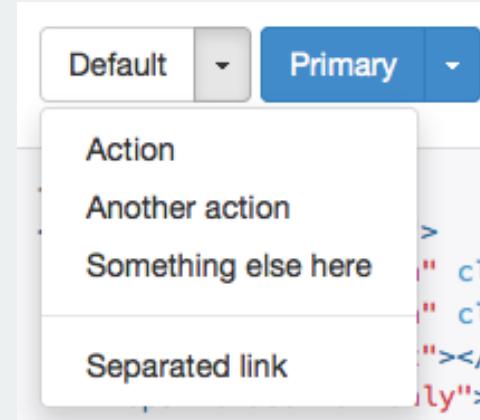


Bootstrap is Ready-to-use Web Elements

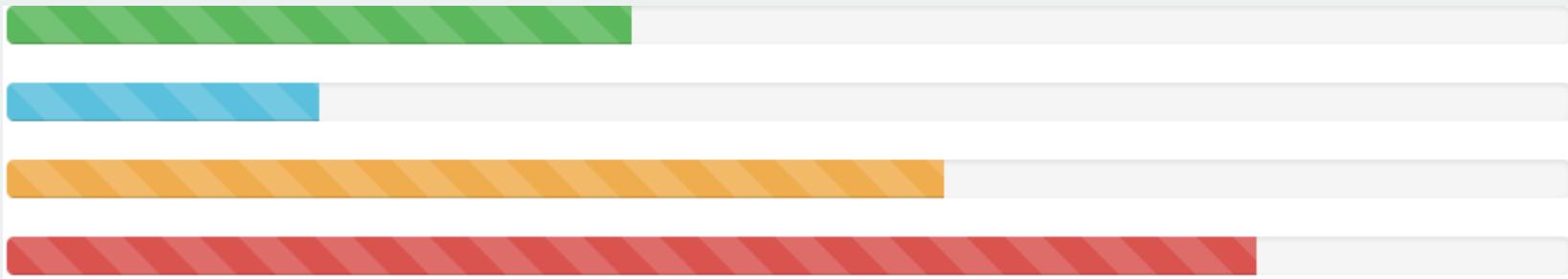
HTML / CSS elements for button, form, table, image, navbar, label, progress bar, alert etc.

EXAMPLES of Bootstrap Elements

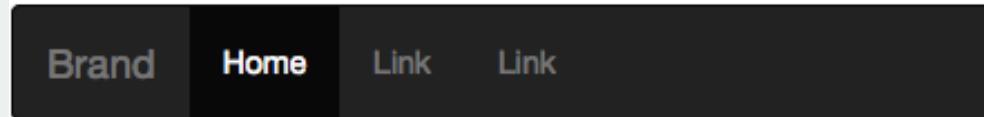
#	Column heading	Column heading	Column heading
1	Column content	Column content	Column content
2	Column content	Column content	Column content
3	Column content	Column content	Column content
4	Column content	Column content	Column content
5	Column content	Column content	Column content
6	Column content	Column content	Column content
7	Column content	Column content	Column content
8	Column content	Column content	Column content
9	Column content	Column content	Column content



more EXAMPLES of Bootstrap Elements



 glyphicon glyphicon-musi c	 glyphicon glyphicon-search	 glyphicon glyphicon-hear t	 glyphicon glyphicon-star
 glyphicon glyphicon-th	 glyphicon glyphicon-th-list	 glyphicon glyphicon-ok	 glyphicon glyphicon-remove



Websites created by Bootstrap

<http://unroll.me>

The screenshot shows the homepage of Unroll.Me. At the top, there's a navigation bar with the logo 'Unroll.Me' (a blue envelope icon), 'Your Rollup', 'Edit Subscriptions', and an email address 'hotwora@gmail.com'. Below the navigation is a large wooden background image. In the center, the text 'Clean up your inbox' is displayed above a subtext 'Save time on email with Unroll.me'. To the right of this text is a blue button with white text that says 'Watch our video'. Below these elements is a green button with white text that says 'Get Started Now'. To the left of the green button is a smartphone displaying a preview of the service's interface, which includes a sidebar with categories like 'Everything', 'Business', 'Deals & Rewards', etc., and a main area showing a 'Rollup for 10/21/2013' with several email snippets from various sources.

Websites created by Bootstrap

www.fliplingo.com

The screenshot shows the Fliplingo homepage with a teal background. At the top left is the red logo 'Fliplingo.'. To its right are navigation links: TOUR, LANGUAGES, PRICING, LOGIN, and a button labeled 'GO GLOBAL'. Below these, a large white text area contains the slogan 'More Global. No More Barriers.' in a large, sans-serif font. Underneath the slogan, a smaller text states: 'Fliplingo is the simplest way to translate your tweets, with real human translators.' Two prominent buttons are centered below the text: a light blue 'LEARN MORE' button on the left and a white 'GET STARTED — IT'S FREE!' button on the right. At the bottom, there's a decorative graphic of a globe with two small cards overlaid: one from the USA labeled 'My American Tweets I love Fliplingo!' and one from Sweden labeled 'My Swedish Tweets Jag älskar Fliplingo!'. The overall design is clean and modern, utilizing the Bootstrap grid system.

Fliplingo.

TOUR LANGUAGES PRICING LOGIN GO GLOBAL

More Global. No More Barriers.

Fliplingo is the simplest way to translate your tweets, with real human translators.

LEARN MORE

GET STARTED — IT'S FREE!

My American Tweets
I love Fliplingo!

My Swedish Tweets
Jag älskar Fliplingo!

Why Bootstrap?

- Save 100+ hours of coding
- Easy to use web elements
- Quick responsive prototype / website
- Great documentation

Bootstrap Package

- **CSS** - bootstrap.css
- **JS** - bootstrap.js
- **Icon Fonts** -glyphicon-halflings-regular.ttf

Bootstrap CDN

www.bootstrapcdncdn.com

Quickstart

Complete CSS

//maxcdn.bootstrapcdncdn.com/bootstrap/3.2.0/css/bootstrap.min.css

Complete JavaScript

//maxcdn.bootstrapcdncdn.com/bootstrap/3.2.0/js/bootstrap.min.js

Mad Love



Lewis Lehe
@LewisLehe



this rules! #BootstrapCDN:
@twBootstrap hosted by
@MaxCDN bootstrapcdn.com
#webperf via @jdorfman

11:48 PM - 8 Nov 2013

2 RETWEETS



Tim Watson
@visualinventor



Twitter Bootstrap gets a speed
bump via CDN serving.
bootstrapcdn.com

Bootstrap Playground

<http://bit.ly/bs-play>

The screenshot shows the CodePen interface with the following details:

- Header:** The title "Bootstarp Playground" is displayed in large, bold, dark font.
- Toolbar:** Buttons for "Save", "Fork", "Info", and "Share".
- Sidebar:** A sidebar on the left contains code snippets for "HTML" and "CSS (SCSS)".
- HTML Snippet:**

```
1 <h1>Bootstarp Playground</h1>
2
3 <nav class="navbar navbar-default"
4   role="navigation">
5   <div class="container-fluid">
6     <!-- Brand and toggle get
      grouped for better mobile
      display -->
7     <div class="navbar-header">
```
- CSS (SCSS) Snippet:**

```
1
```
- Preview Area:** Displays a navigation bar with tabs labeled "Brand", "Link", "Link", "Dropdown", a search bar, and a submit button. Below the navigation bar is a page navigation bar with links 1 through 5.
- Progress Bar:** A blue progress bar at the bottom indicates "60%".

Bootstrap Components

Start Workshop

What is Grid in web design?

Get Started Community & Support Documentation Download & Extend Marketplace About

Search Drupal.org

Drupal

Come for the software, stay for the community

Drupal is an open source content management platform used to power millions of websites and software applications. It's built, used, and supported by an active and diverse community of people from around the world.

Drupal Homepage Login / Register

Why Choose Drupal?

Drupal can be used to build everything from personal blogs to sophisticated enterprise applications. It features thousands of add-on modules and design themes that enable you to build any kind of site you can imagine. Drupal is free software that is flexible, robust, and constantly being improved by a community of hundreds of thousands of passionate users. Come join us!

Get Started with Drupal

Sites Made with Drupal

The Economist

Log in / Register

Home World Business & Finance

The Economist.com data migration to Drupal

Drupal is used by some of the biggest sites on the Web, like The Economist, Examiner.com and The White House. Read more Drupal success stories.

Develop with Drupal

Drupal is extensible, powerful, scalable, and flexible.

Current activity:

- 6,988 modules
- 862 themes
- 3,740 active developers

Modules and Themes

This week:

- 31 new modules
- 1,355 code commits
- 5,410 issue comments

Explore Drupal modules and themes

Get Drupal Security Announcements

Keep your site secure.

708,149 people in 230 countries speaking 182 languages power Drupal.

News Docs Updates Forum Posts Commits

Support Drupal by voting in the 2010 Open Source Awards

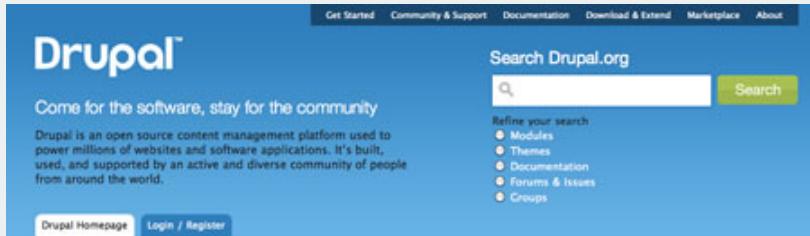
October 15, 2010

Packt Publishing, the company behind many well-known Drupal books, is also responsible for the Open Source Awards, an annual online event held to distinguish excellence among open

Read more

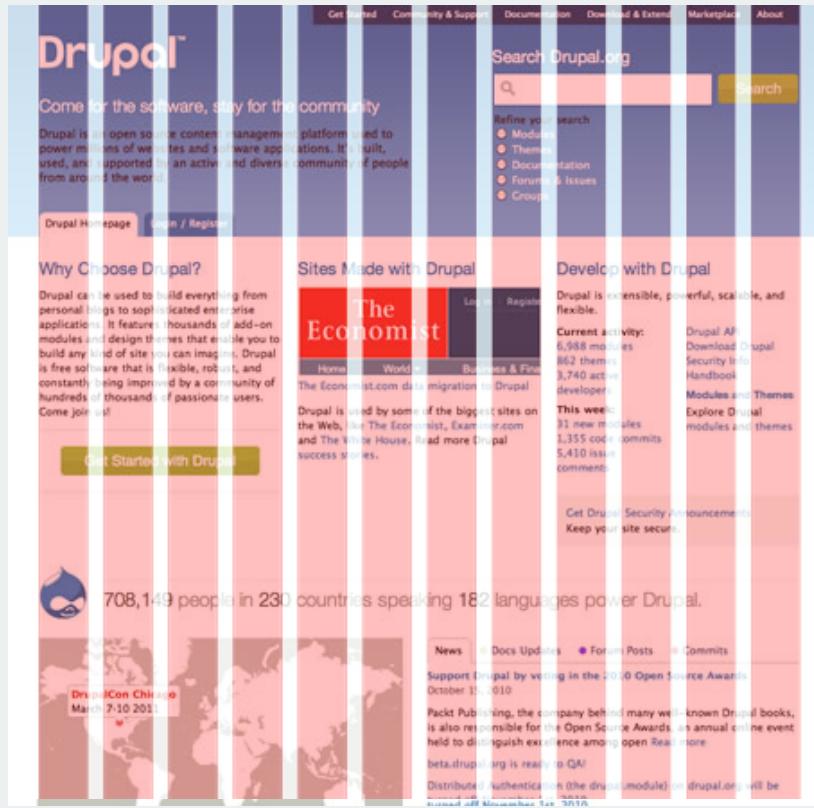
beta.drupal.org is ready to QA!

Distributed Authentication (the drupal.module) on drupal.org will be removed after November 1st, 2010.



What is Grid in web design?

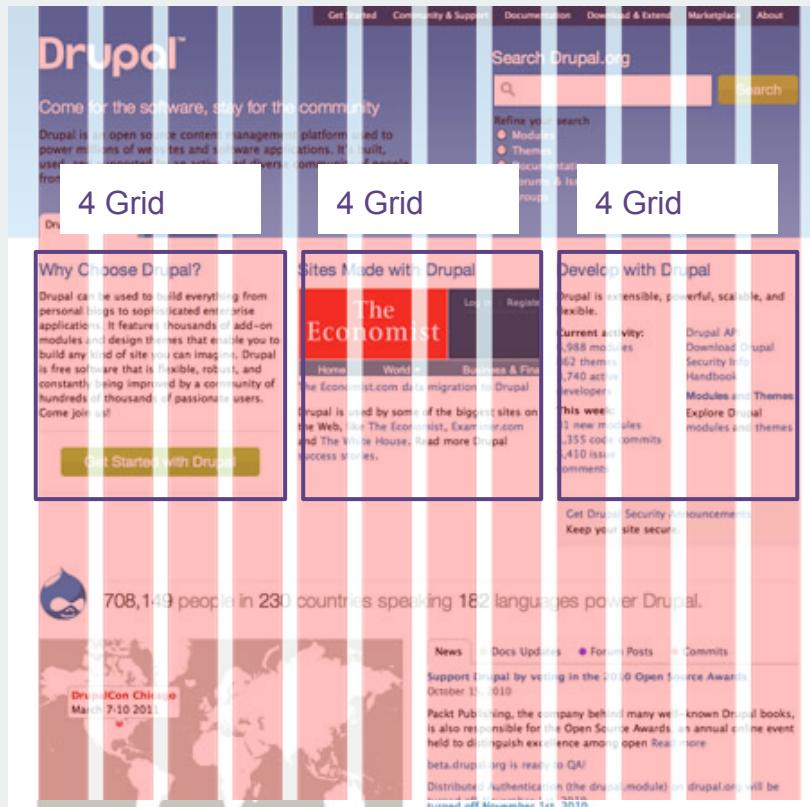
1 2 3 4 5 6 7 8 9 10 11 12



12 Grid

What is Grid in web design?

1 2 3 4 5 6 7 8 9 10 11 12



4 Grids x 3 Columns
= 12 Grids

Bootstrap Grid

SERVICES

Lorem ipsum dolor sit amet consectetur.



E-Commerce

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima maxime quam architecto quo inventore harum ex magni, dicta impedit.



Responsive Design

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima maxime quam architecto quo inventore harum ex magni, dicta impedit.



Web Security

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima maxime quam architecto quo inventore harum ex magni, dicta impedit.

12 Responsive Grid

Grid Overlay for Bootstrap & Foundation

<http://bit.ly/grid-overlay>

Grid displayer for Bootstrap and Foundation



1 Install it

For Firefox and WebKit browsers only.

↓ Drag this button to your bookmarks bar ↓



2 Try it

Try the bookmarklet [on this page](#) or on the following sites:



Compatible with Foundation 2, 3, 4 & 5



Compatible with Bootstrap 2 & 3

4 Sizes of Bootstrap Grid

Size Name	Screen Size	CSS Class
Extra Small Devices (Phone)	0 - 767 px	.col-xs-1 ~ .col-xs-12
Small Devices (Tablet)	768 - 991 px	.col-sm-1 ~ .col-sm-12
Medium Devices (Desktop)	992 - 1219 px	.col-md-1 ~ .col-md-12
Large Devices (Large screen desktop)	1200px +	.col-lg-1 ~ .col-lg-12

4 Sizes of Bootstrap Grid

Size Name	Screen Size	CSS Class
Extra Small Devices (Phone)	0 - 767 px	.col-xs-1 ~ .col-xs-12
Small Devices (Tablet)	768 - 991 px	.col-sm-1 ~ .col-sm-12
Medium Devices (Desktop)	992 - 1219 px	.col-md-1 ~ .col-md-12
Large Devices (Large screen desktop)	1200px +	.col-lg-1 ~ .col-lg-12

Bootstrap Grid Example

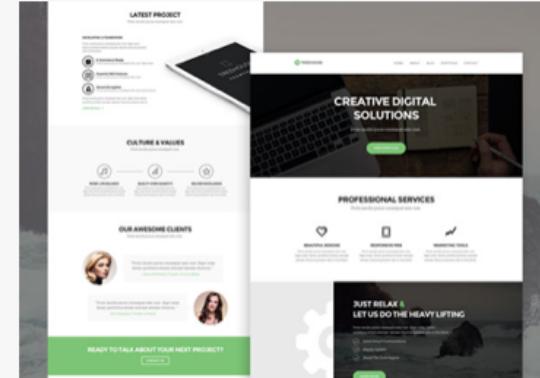
<http://bit.ly/bs-agency>



Round Icons
Graphic Design



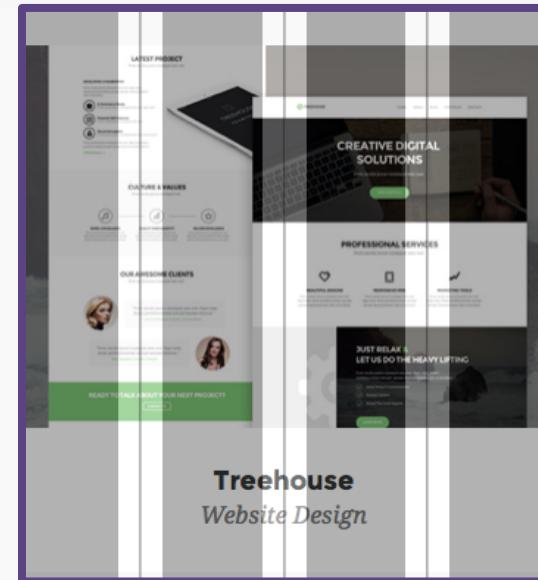
Startup Framework
Website Design



Treehouse
Website Design

How many grids in each box?

Bootstrap Grid Example



4 grids x 3 Columns

Bootstrap Grid Example

⚙️ HTML

```
1 <div class="container">
2   <div class="row">
3     <div class="col-md-4">
4       ...
5     </div>
6     <div class="col-md-4">
7       ...
8     </div>
9     <div class="col-md-4">
10      ...
11    </div>
12  </div><!-- row -->
13</div><!-- container -->
14
```

Bootstrap Grid Example

HTML

```
1 <div class="container">
2   <div class="row">
3     <div class="col-md-4">
4       ...
5     </div>
6     <div class="col-md-4">
7       ...
8     </div>
9     <div class="col-md-4">
10      ...
11    </div>
12  </div><!-- row -->
13 </div><!-- container -->
```



Bootstrap Grid Example 2

The image displays a form template using a Bootstrap grid system. It features a dark background with a dotted pattern. On the left side, there are three input fields stacked vertically: 'Your Name *', 'Your Email *', and 'Your Phone *'. Each of these has a thin black border and a white background. To the right of these three fields is a larger input field labeled 'Your Message *', which also has a thin black border and a white background. The entire form is enclosed in a light gray border.

Your Name *

Your Email *

Your Phone *

Your Message *

How many grids in each box?

Bootstrap Grid Example 2

The image displays a Bootstrap grid layout with two columns. The left column contains three input fields: 'Your Name *', 'Your Email *', and 'Your Phone *'. The right column contains a single input field labeled 'Your Message *'. Each input field is enclosed in a purple-bordered box. The entire grid is set against a background with a repeating pattern of dark gray, white, and black vertical and horizontal stripes.

Your Name *	Your Message *
Your Email *	
Your Phone *	

6 grids x 2 Columns

Bootstrap Grid Example 2

HTML

```
1 <div class="container">
2   <div class="row">
3     <div class="col-md-6">
4       ...
5     </div>
6     <div class="col-md-6">
7       ...
8     </div>
9   </div><!-- row -->
10 </div><!-- container -->
11
12
```

Bootstrap Grid Example 2

HTML

```
1 <div class="container">
2   <div class="row">
3     <div class="col-md-6">
4       ...
5     </div>
6     <div class="col-md-6">
7       ...
8     </div>
9   </div><!-- row -->
10 </div><!-- container -->
11
12
```

Your Name *

Your Email *

Your Phone *

Your Message *

Bootstrap Row

PORTFOLIO

Lorem ipsum dolor sit amet consectetur.



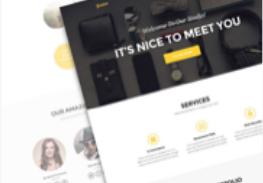
Round Icons
Graphic Design



Startup Framework
Website Design



Treehouse
Website Design



Golden
Website Design



Escape
Website Design

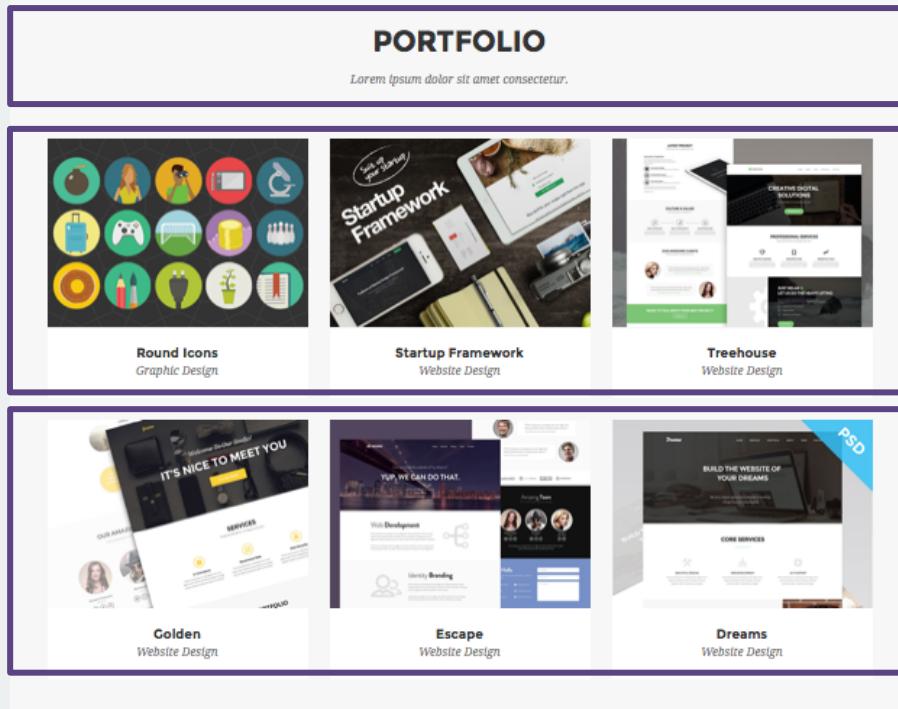


Dreams
Website Design

1 Row = 12 Grids

Bootstrap Row

PORTFOLIO
Lorem ipsum dolor sit amet consectetur.





Round Icons
Graphic Design



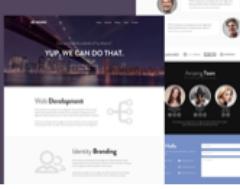
Startup Framework
Website Design



Treehouse
Website Design



Golden
Website Design



Escape
Website Design



Dreams
Website Design

3 Rows

Bootstrap Row Example

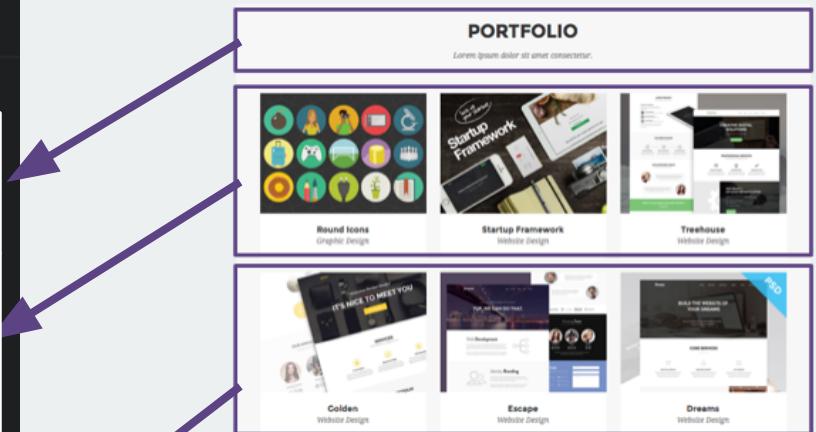
HTML

```
1 <div class="container">
2   <div class="row">
3     <div class="col-md-12"> ... </div>
4   </div><!-- row -->
5   <div class="row">
6     <div class="col-md-4"> ... </div>
7     <div class="col-md-4"> ... </div>
8     <div class="col-md-4"> ... </div>
9   </div><!-- row -->
10  <div class="row">
11    <div class="col-md-4"> ... </div>
12    <div class="col-md-4"> ... </div>
13    <div class="col-md-4"> ... </div>
14  </div><!-- row -->
15 </div><!-- container -->
```

Bootstrap Row Example

HTML

```
1 <div class="container">  
2   <div class="row">  
3     <div class="col-md-12"> ... </div>  
4   </div><!-- row -->  
5   <div class="row">  
6     <div class="col-md-4"> ... </div>  
7     <div class="col-md-4"> ... </div>  
8     <div class="col-md-4"> ... </div>  
9   </div><!-- row -->  
10  <div class="row">  
11    <div class="col-md-4"> ... </div>  
12    <div class="col-md-4"> ... </div>  
13    <div class="col-md-4"> ... </div>  
14  </div><!-- row -->  
15 </div><!-- container -->
```



Bootstrap Responsive Grid



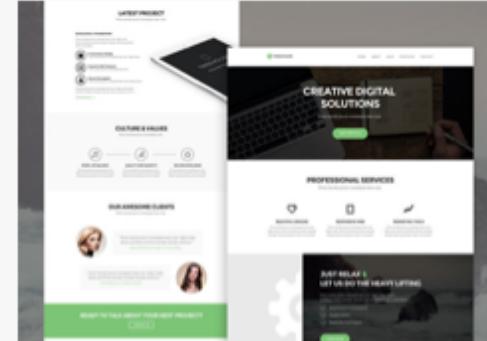
Round Icons

Graphic Design



Startup Framework

Website Design



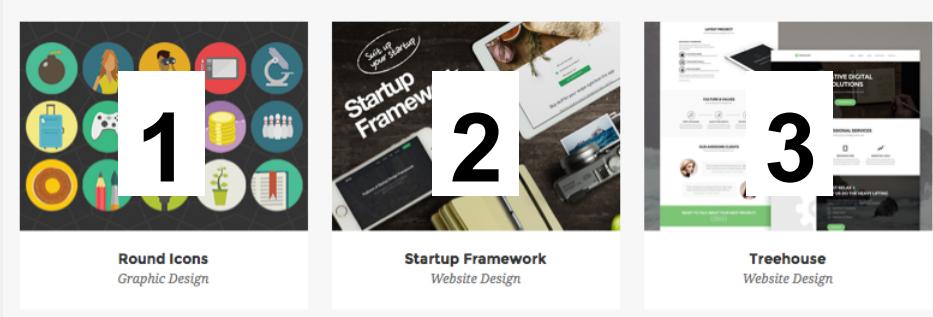
Treehouse

Website Design

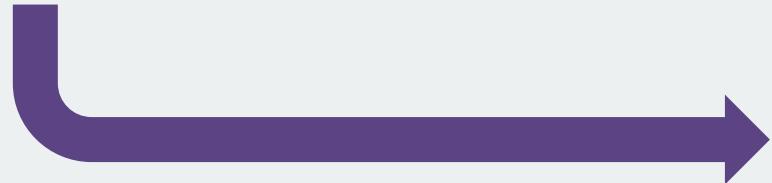
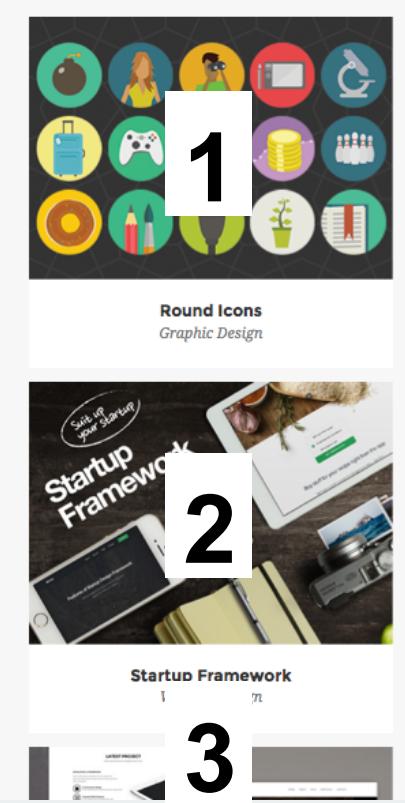
Columns will stack when responsive

Bootstrap Responsive Grid

Desktop



Mobile



Columns stack on mobile

Bootstrap Grid Workshop

3 Easy Steps:

1. Add container
2. Add row
3. Add columns

Bootstrap Grid Workshop

<http://bit.ly/bs-business>

The screenshot displays a website template with a dark header bar containing a "Logo" button and navigation links for "About", "Services", and "Contact". Below the header is a large, light-gray rectangular area with the text "900 x 350" in the center, representing a placeholder for an image or content. To the right of this area is a sidebar with the heading "Business Name or Tagline" and a descriptive paragraph about the template's purpose. A blue "Call to Action" button is located below the sidebar text. At the bottom of the page, there are three columns, each featuring a heading (Heading 1, Heading 2, Heading 3), a paragraph of lorem ipsum text, and a "More Info" button. A footer at the very bottom contains the copyright notice "Copyright © Your Website 2014".

Business Name or Tagline

This is a template that is great for small businesses. It doesn't have too much fancy fare to it, but it makes a great use of the standard Bootstrap core components. Feel free to use this template for any project you want!

Call to Action

This is a well that is a great spot for a business tagline or phone number for easy access!

Heading 1

Heading 2

Heading 3

Copyright © Your Website 2014

Thank you for sleeplistening
Question?



Woratana (Perth)
Twitter: @woraperth

designil
www.designil.com