



Bespoke Theming in WordPress

What helped me!!



HELLO!

I am Helen Varley

Freelance Web Developer & Project Manager

You can find me at www.helenvarley.com

Some things about ME

WHO I HAVE WORKED WITH



THINGS I ENJOY

- WordPress
- Drupal
- html/css
- Sass
- UX
- Making things work
- JavaScript
- Problem solving
- Working with clients
- Spending time with my family
- Work/life balance
- Walking my dog
- Camping

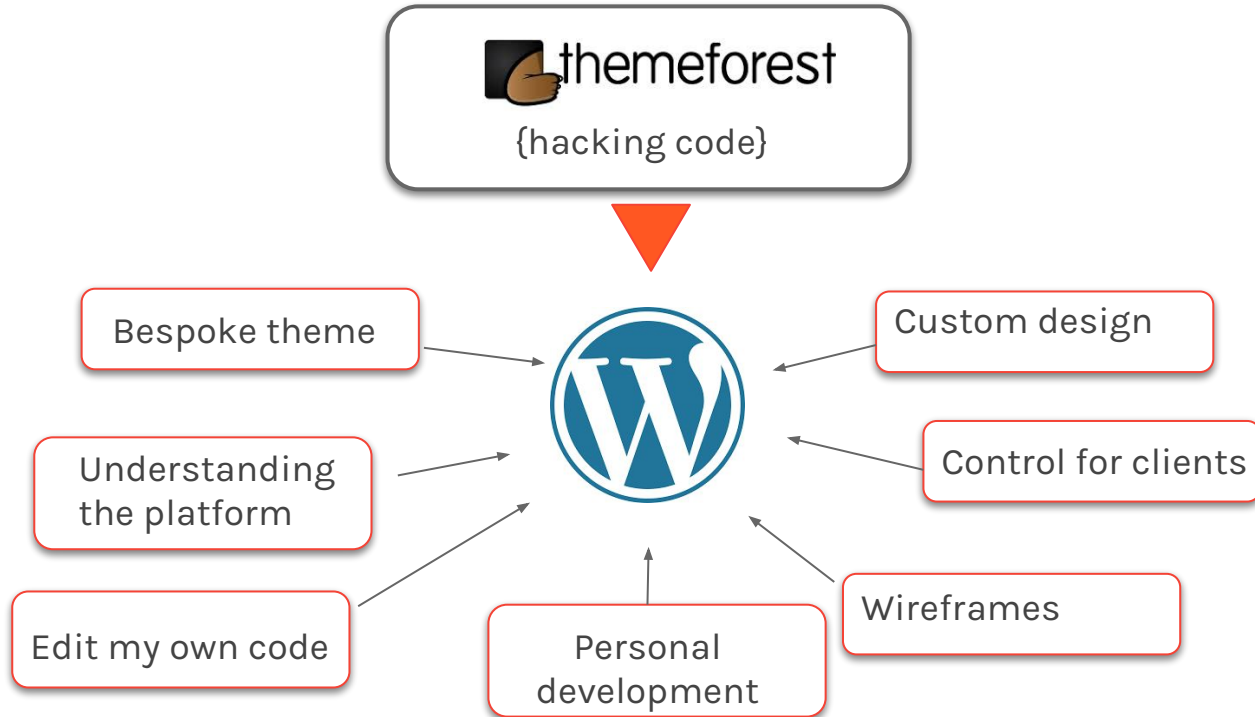




“

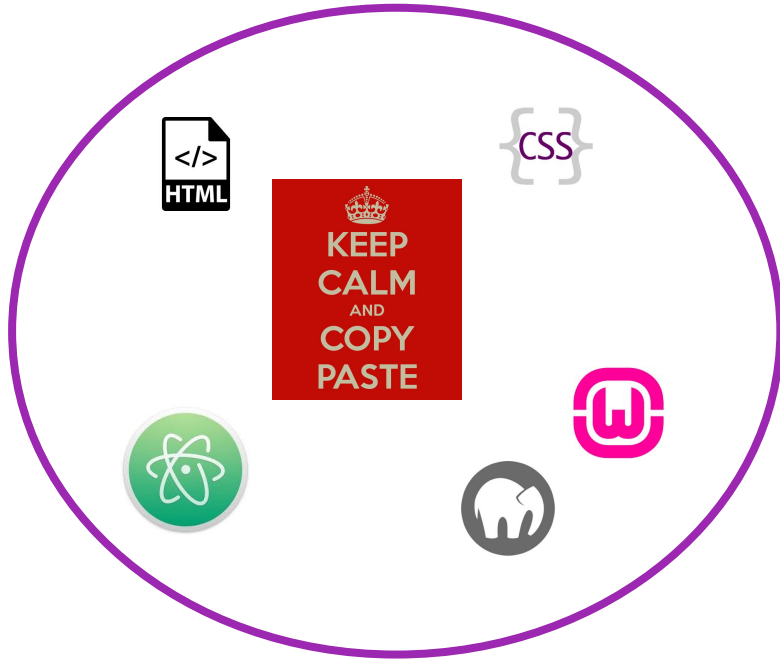
There once was an html coder
Who was 'avin some trouble with 'er loader
The issues persisted
No errors were listed
But 'er friend knew the problem an' 'ee to'd 'er

Why build a **bespoke** theme?

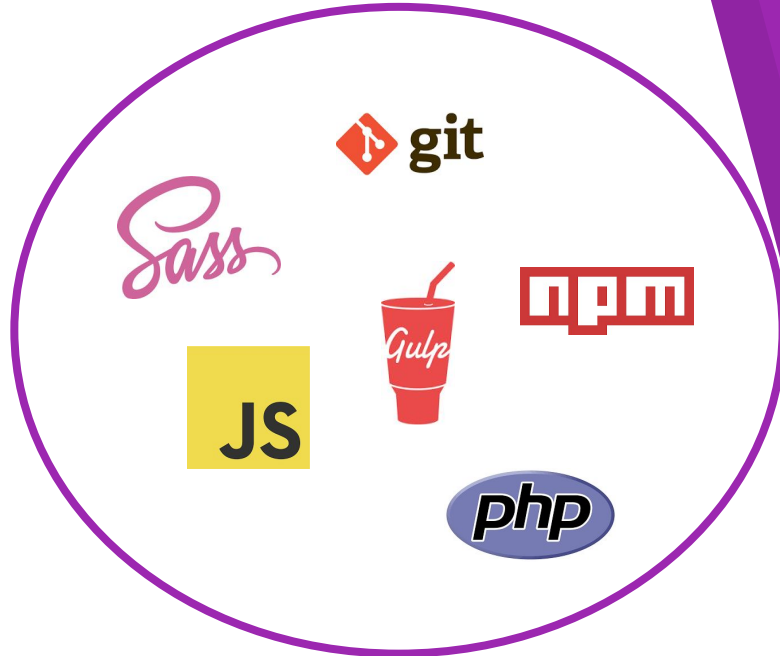


Required for **bespoke** theming

REQUIRED



NICE TO HAVE



Find a **mentor** / tutorials

How

- ▶ Ask people you relate to how they learn
- ▶ Try a few tutorials

Why

- ▶ Save time
- ▶ Enjoy learning
- ▶ Less likely to give up

Ask Questions

- ▶ ISPs
- ▶ Colleagues
- ▶ Friends
- ▶ Forums
- ▶ Meetups

Resources

<https://www.taniarascia.com/>

<http://www.wpbeginner.com/>

meetup



Steps to develop a **BESPOKE** WordPress theme

01	Take a detailed client brief	<ul style="list-style-type: none">• Purpose of the site. Who/what is it for• Content/functionality• Who will be updating the site• Domain/hosting/development environment
02	Create a wireframe	<ul style="list-style-type: none">• Include tech spec• Encourage client to think about content plan and SEO• Define custom post types
03	Design	<ul style="list-style-type: none">• Provided by the client/a design company• Ensure the designers understand responsive design• They may need to be briefed on video format
04	Set up a local development environment	<ul style="list-style-type: none">• MAMP/WAMP/VAGRANT• GIT & SourceTree• Html, Sass, JavaScript
05	Coding	<ul style="list-style-type: none">• Bootstrap/Flexbox/CSS Grid• WordPress• Advanced Custom Fields, Customizer,

WordPress **installation**

- ▶ Create new folder in htdocs
- ▶ url : localhost/my-new-website
- ▶ Create new database in phpMyAdmin
- ▶ Save **wp-config-sample.php** as **wp-config.php**
- ▶ Go to site URL and install WordPress with the wizard

```
// ** MySQL settings – You can get this info from your web host ** //  
/** The name of the database for WordPress */  
define('DB_NAME', 'my-new-database');  
  
/** MySQL database username */  
define('DB_USER', 'root');  
  
/** MySQL database password */  
define('DB_PASSWORD', 'root');  
  
/** MySQL hostname */  
define('DB_HOST', 'localhost');  
  
/** Database Charset to use in creating database tables. */  
define('DB_CHARSET', 'utf8');  
  
/** The Database Collate type. Don't change this if in doubt. */  
define('DB_COLLATE', '');
```

Create your **bespoke** theme

my-new-website/wp-content/themes/my-themes

Required files

- ▶ style.css
- ▶ index.php

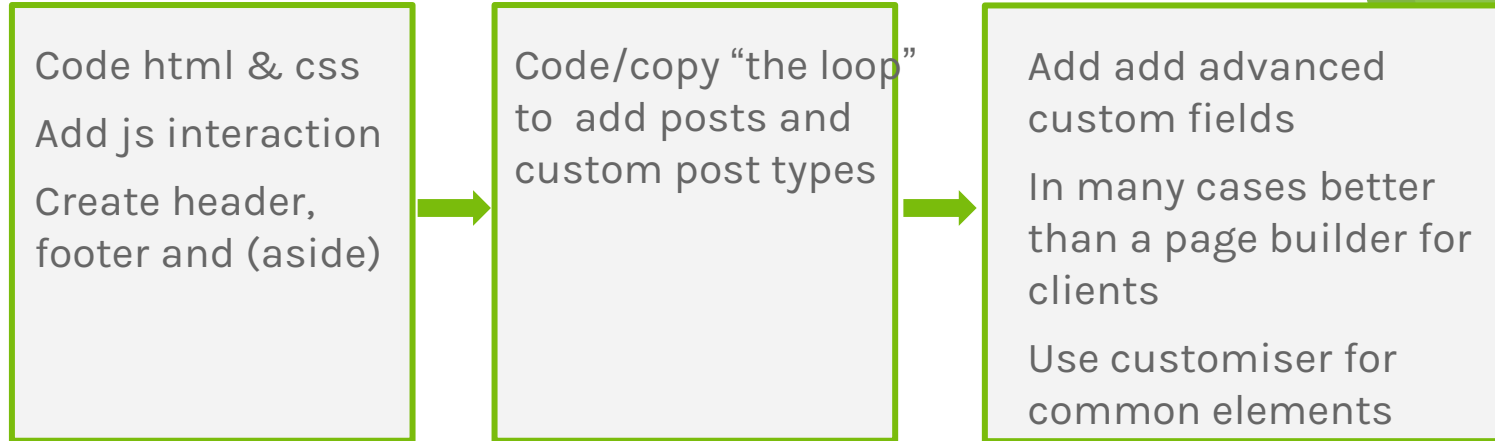
Switch on new theme

Recommended files

- ▶ page.php
- ▶ screenshot.png
- ▶ header.php
- ▶ footer.php
- ▶ front-page.php
- ▶ page-custom-post.php
- ▶ custom.css
- ▶ custom.js
- ▶ 404.php

*not a definitive list

Process



Codebase

`<html></html>` `.css`

Bootstrap



Beginner

css Grid / Flexbox



You will need to code
breakpoints

ENQUEUE STYLESHEETS AND JS

```
/**
 * Enqueue scripts and styles.
 */
function my_scripts() {
    wp_enqueue_style( 'main', get_template_directory_uri() . '/css/main.css', array(), filemtime( get_stylesheet_directory() . '/css/main.css' ) );
    wp_register_script( 'jquery', 'https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js' );
    wp_enqueue_script( 'jquery' );
    wp_enqueue_script( 'scripts', get_template_directory_uri() . '/js/script.js', array(), '20170508', true );
    wp_register_script( 'fontawesome', 'https://use.fontawesome.com/9d77e7f046.js' );
    wp_enqueue_script( 'fontawesome' );
    wp_enqueue_style( 'wpb-google-fonts', 'http://fonts.googleapis.com/css?family=Raleway:200,400,700', false );
}
add_action( 'wp_enqueue_scripts', 'my_scripts' );
```

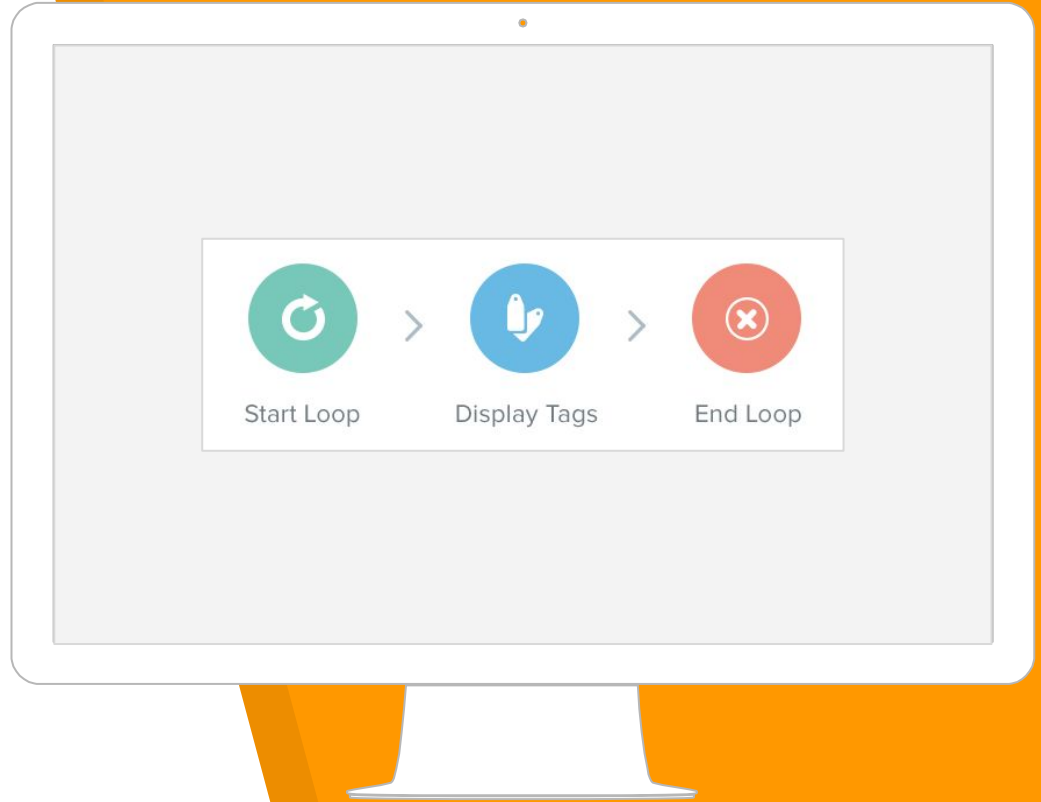
functions.php

- ▶ Enqueue stylesheet and JS
- ▶ Add advanced custom fields
- ▶ Add custom post types
- ▶ Customise
- ▶ Register menus

The WordPress LOOP

The WordPress loop, is PHP code that displays WordPress posts. The loop is used in WordPress themes to display a list of posts in a web page.

copy>paste>test



ADVANCED CUSTOM FIELDS

1

ADD FIELDS IN WP ADMIN

Images/text/numbers, Lightboxes, sliders,
use with custom post types

2

DEFINE WHERE THEY WILL SHOW

Front-page, particular page, template,
custom post type etc.

3

ADD ACF CODE TO TEMPLATES

Copy and paste php from:

<https://www.advancedcustomfields.com>

Tip: ACF Pro available on GitHub

Custom Post Types Example

- ▶ When you need more than just posts
- ▶ Can have their own templates
- ▶ Can have their own acfs



Finance

Vans for sale

LAMBRIDGE

SYDNEY

NEWBRIDGE

ABBEY

GEORGE

MILSOM

CIRCUS

PULTENEY

LANSDOWN

SYDNEY

2018

400 MILES

£36,995.00 inc VAT

Sydney is a Brand new 2018 VW T6 102bhp SWB Campervan in white and blue.

We are currently converting this van into a camper van with the following specification;

Keeps four and seats 5 people.

10 miles

1 year warranty

For specification:

Alloy wheels with brand new tyres

Chrome sidebars

reversing sensors

Green stereo with DAB and mobile phone n.

ash tested pop top with window and (Certificate supplied)



CUSTOMIZE

for common
elements

e.g. address in footer

- Add customizer elements to functions.php
- Add customizer fields to template files
- Add content in customize panel in wp-admin

Similar to acf but available across the whole site

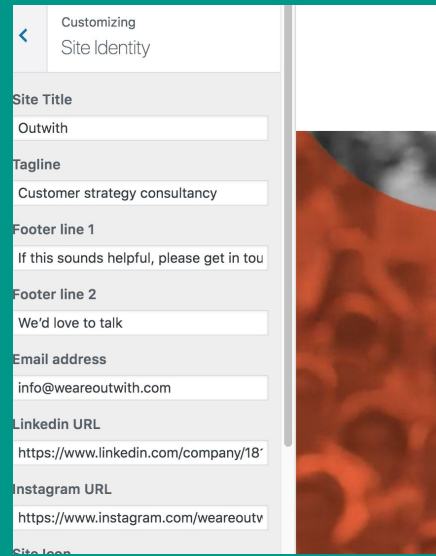
functions.php

```
function add_credits($wp_customize) {  
  
    $wp_customize->add_setting( 'linkedin', array(  
        'default' => '',  
        'capability' => 'edit_theme_options'  
    ) );  
  
    $wp_customize->add_control( 'linkedin', array(  
        'label' => 'Linkedin URL',  
        'section' => 'title_tagline',  
        'type' => 'text'  
    ) );  
  
    $wp_customize->add_setting( 'instagram', array(  
        'default' => '',  
        'capability' => 'edit_theme_options'  
    ) );  
  
    $wp_customize->add_control( 'instagram', array(  
        'label' => 'Instagram URL',  
        'section' => 'title_tagline',  
        'type' => 'text'  
    ) );  
}  
  
add_action('customize_register', 'add_credits');
```

footer.php

```
<a href="php echo get_theme_mod('linkedin'); ?" class="social_footer" target="_blank">  
    <span class="fa-stack fa-lg">  
        <i class="fa fa-circle fa-stack-2x"></i>  
        <i class="fa fa-linkedin fa-stack-1x fa-inverse"></i>  
    </span>  
</a>  
  
<a href="php echo get_theme_mod('instagram'); ?" class="social_footer" target="_blank">  
    <span class="fa-stack fa-lg">  
        <i class="fa fa-circle fa-stack-2x"></i>  
        <i class="fa fa-instagram fa-stack-1x fa-inverse"></i>  
    </span>  
</a>
```

Appearance > customize >
site identity





Database **MIGRATION**

YOU DON'T HAVE TOO MIGRATE

Use WordPress import & export tools.

Works for acf too.



FINALLY

- ▶ Use starter themes Sage, underscores or Bones
- ▶ I haven't gone through any widget stuff

A large orange triangle is positioned in the top right corner of the slide, pointing towards the bottom right.

THANKS!

Any questions?

You can find me at www.linkedin.com/in/helenvarley/
& hvarley@gmail.com