# Using WordPress as a Web Application Platform

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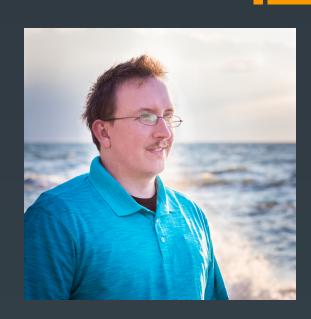
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#### **About Joe**

- Graphic Design major
- Self taught Web Developer for 19+ years
- Current work full-time at Lorain County Community College for 17+ years.
- WordPress experience last 5 years
- Built 8+ themes
- Migrated 4 complete sites to WordPress, built from scratch many more.



# What is an application platform?

- What is an application?
- What is an application platform?

#### What we will cover

- Common Application Requirements
- Why use an application platform?
- What should an application platform provide?

# Common Application Requirements

- Content Management
  - Adding New
  - Editing Existing
  - Deleting
  - Archiving
  - Sorting
- User Management
  - Adding|Editing / Registration
  - Profile Management
  - Roles
  - Password Management

- Media Management
  - Adding New
  - Editing Existing
  - Deleting

• ???

# Why use an Application Framework?

- Don't reinvent the wheel!
- Faster prototyping.
- Don't always have to be a Developer to create something.
- Security updates are handled for you.
- Ability to easily add others to the development process.

### How Does WordPress Fit In?

- Easy Install.
- Intuitive Admin Interface.
- Custom Post Types.
- Open Source.
- Tremendous Assortment of Plugins Available.
- Huge Community.
- Even non-developers can build an app in WordPress

### Example Apps

- Custom content display (Realty sites, Recipes, etc).
- Receive feedback from users.
- Content Distribution.

### A Few Plugins to Consider

- WP REST API v2.wp-api.org | WordPress.org Plugin Repo
- Gravity Forms www.gravityforms.com
- Advanced Custom Fields www.advancedcustomfields.com
- PODS Framework www.pods.io

# How I Am Leveraging WordPress

- A "News Site" to feed via RSS Feeds to our Mobile App.
- In-Development: News and Events aggregator site to feed various parts of our new website via WP REST API

### Displaying Data from WP REST API

Include jQuery library in your HTML

</script>

```
<script>
jQuery(document).ready(function($) {
 $.getJSON("http://mysite.dev/wp-json/wp/v2/posts/?filter[category name]=catname", function
(data) {
   $.each(data, function( index ){
   var div = $('<div class="post"/>');
   div.append( $('<h2 class="announce" /
>').append(document.createTextNode(data[index].title.rendered)) );
   div.append( $(data[index].content.rendered));
   $(div).attr('id', data[index].id);
   $('#announcement-container').append(div);
```



### Questions?

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