

LET'S MAKE

COOL WEBSITES

BRACE YOURSELF



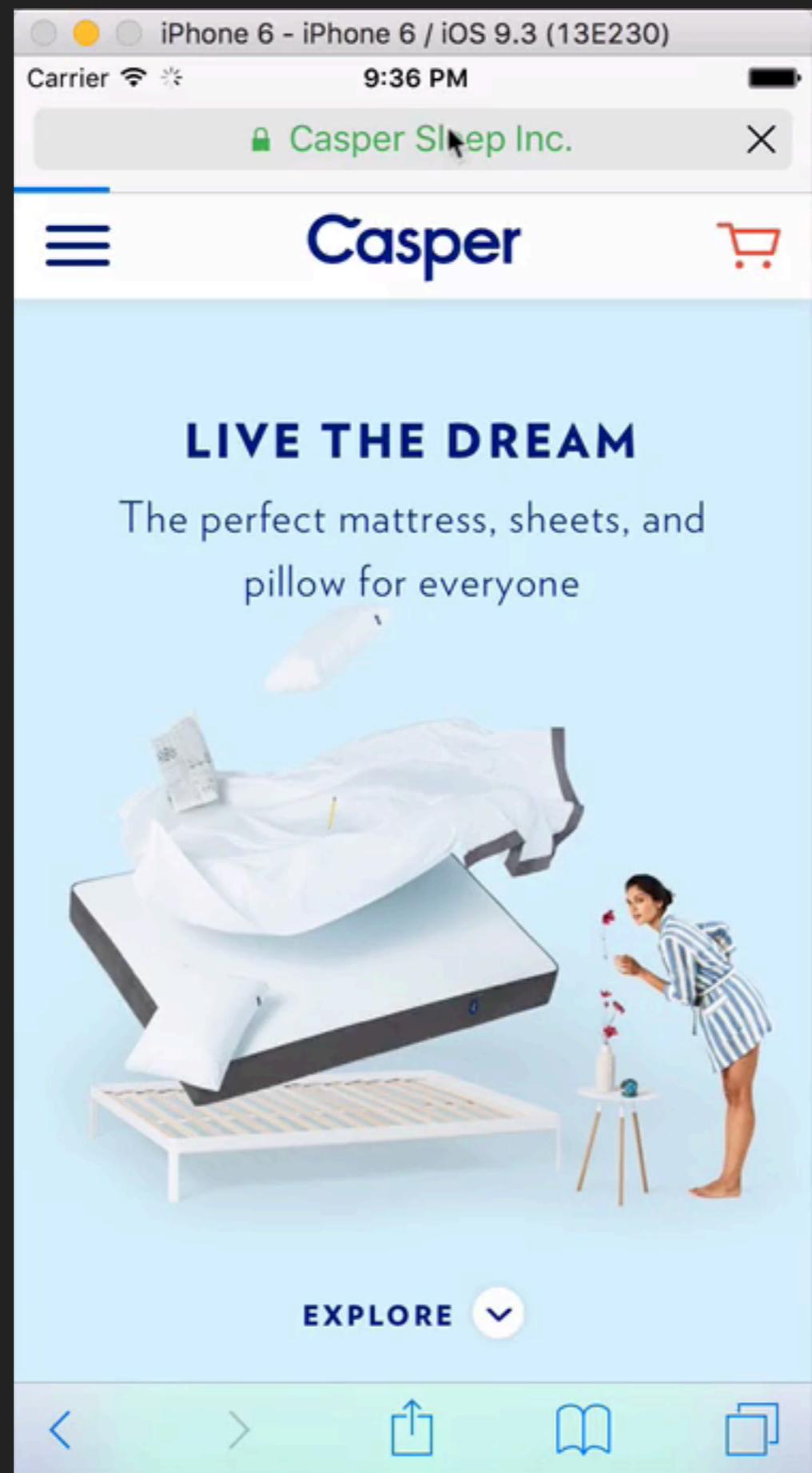
JAVASCRIPT IS COMING

SERVER VS CLIENT?

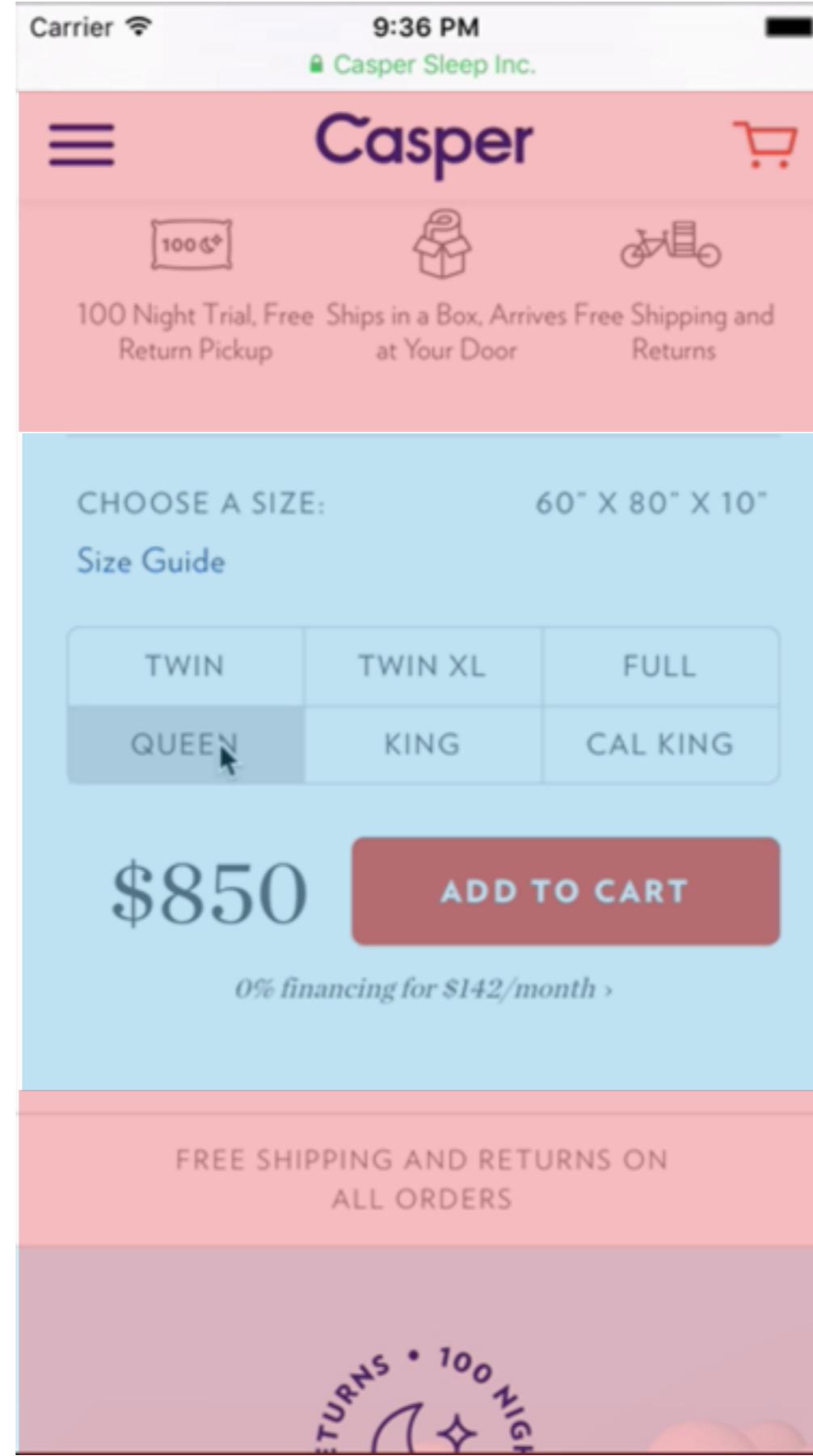
SERVER AND CLIENT

**DEFAULT TO RAILS
ROUTING & RENDERING**

**ADD ISLANDS OF
INTERACTIVITY AS NEEDED**



RAILS



VUE

MY PROPOSAL

**STANDARDIZE ON
VUE & REACT**

**ADD VUE TO PROJECTS
BY DEFAULT**

**REACT WHEN
NEEDED**



ugh
@Relief



Follow

When you're chill with everyone



RETWEETS

4,619

LIKES

5,882



7:01 PM - 30 Mar 2016



...

VUE AND JAVASCRIPT



VUE AND HTML



VUE AND COFFEESCRIPT / HAML



A photograph of a capybara and a crocodile in a river. The capybara is on the left, partially submerged in brown water, facing right. The crocodile is on the right, also partially submerged, facing left. They are positioned in front of a dense thicket of green reeds and grass.

VUE AND ES6

**FACEBOOK USES
VUE & REACT**

VUE

- ▶ Training wheels
- ▶ High performance by default
- ▶ Suitable for microscopic tasks all the way up to single page apps
- ▶ There is no Vue native
- ▶ Vue doesn't render on the server

REACT

- ▶ Requested by clients
- ▶ Can render on the server
- ▶ React Native
- ▶ React may “win”

BENEFITS

**CONSISTENT
DEVELOPMENT VELOCITY**

**CONSISTENT CODE
STANDARDS**

TRANSFER SKILLS BETWEEN PROJECTS

COMMON PATTERNS ACROSS PROJECTS

**BUILD PREMIUM
WEBSITES**

TODAY

**ADD INTERACTIVITY TO A
PRODUCT DETAIL PAGE**

Product Page Header

Did You Know?

This is a free shipping weekend!

X

RAILS

300×300

Prototype food-truck fund iterate ship it long shadow human-centered design user story. Bootstrapping innovate ideate grok food-truck engaging viral thinker-maker-doer intuitive actionable insight food-truck. Workflow latte venture capital fund long shadow parallax long shadow minimum viable product pair programming entrepreneur latte paradigm big data. Convergence fund latte viral agile pair programming iterate grok.

VUE

Product Page Technical Subheader

- Latte personas 360 campaign venture capital human-centered design
- pitch deck 360 campaign co-working co-working engaging.
- Earned media integrate user centered design engaging
- iterate iterate moleskine actionable insight

Show Less

THE VUE APP INSTANCE

```
// app/assets/javascripts/main.js
;(function () {
  "use strict"

  $(document).ready(function () {

    new Vue({
      el: "body",

      data: {}

    })
  })
})();
```

ADD A COMPONENT

```
<%# in app/views/pages/home.html.erb %>

<vue-alert></vue-alert>

<%= render partial: "vue_templates/alert" %>

//app/assets/javascripts/components/alert.js  <!-- app/views/vue_templates/_alert.html -->
;(function () {
  "use strict"

  Vue.component("vue-alert", {
    template: "#alert-template",
    data: function () {
      return {
        }
      }
    }
  })
})();
```

```
<script id="alert-template" type="text/template">
  <div>
    I am totally an alert component!
  </div>
</script>
```

V-IF

```
<!-- app/views/vue_templates/_alert.html -->
<script id="alert-template" type="text/template">
  <div v-if="true">
    I'm visible
  </div>
  <div v-if="false">
    I'm not visible
  </div>
</script>
```



V-IF

```
//app/assets/javascripts/components/alert.js
;(function () {
  "use strict"

  Vue.component("vue-alert", {
    template: "#alert-template",
    data: function () {
      return {
        isVisible: true
      }
    }
  })
})();
```

<!-- app/views/vue_templates/_alert.html -->

<script id="alert-template" type="text/template">

<div v-if="isVisible">
 I'm visible is the variable isVisible is true
 </div>

</script>

V-ON:CLICK & METHODS

```
//app/assets/javascripts/components/alert.js
;(function () {
  "use strict"

  Vue.component("vue-alert", {
    template: "#alert-template",
    methods: {
      handleButtonClick: function () {
        console.log("Button clicked!")
      }
    }
  })
})()
```

```
<!-- app/views/vue_templates/_alert.html -->
<script id="alert-template" type="text/template">
  <button v-on:click="handleButtonClick">
    Console.log-it!
  </button>
</script>
```