

THE PERKS OF USING A DESIGN SYSTEM IN FRONTEND DEVELOPMENT

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Dominika Hustinová, QA Tester at Kiwi.com

THE GOAL OF THE WORKSHOP

- ▶ Learn what a design system is.
- ▶ Benefits of using a design system.
- ▶ Show the components of Kiwi.com's design system Orbit.
- ▶ Create your own portfolio website with Orbit components only, just like: bit.ly/orbit-portfolio

Žana Flander

ABOUT ME

Hi! My name is Žana Flander from Slovenia and I am passionate about frontend web development and cartography. I gained expertise in cartography, GIS, land surveying, frontend web development and customer service. I am fluent in English, Slovenian and Spanish. I have studied and worked abroad. My full work experience and education can be seen on [my LinkedIn profile](#). My hobbies are yoga, volleyball and chess. I am always eager to learn and engage in new things.



SKILLS

Development	Level
CSS	5
HTML	5
JavaScript	3
ReactJS	4

WORK EXPERIENCE

JUNIOR FRONTEND DEVELOPER
Kiwi.com

2018-
Present

[ReactJS](#) [styled-components](#) [Design system Orbit](#) [JavaScript](#) [Redux](#)

ORDER PROCESSING SPECIALIST
Kiwi.com

2017-
2018

EDUCATION

FRONTEND WEB DEVELOPMENT
Udacity

2018

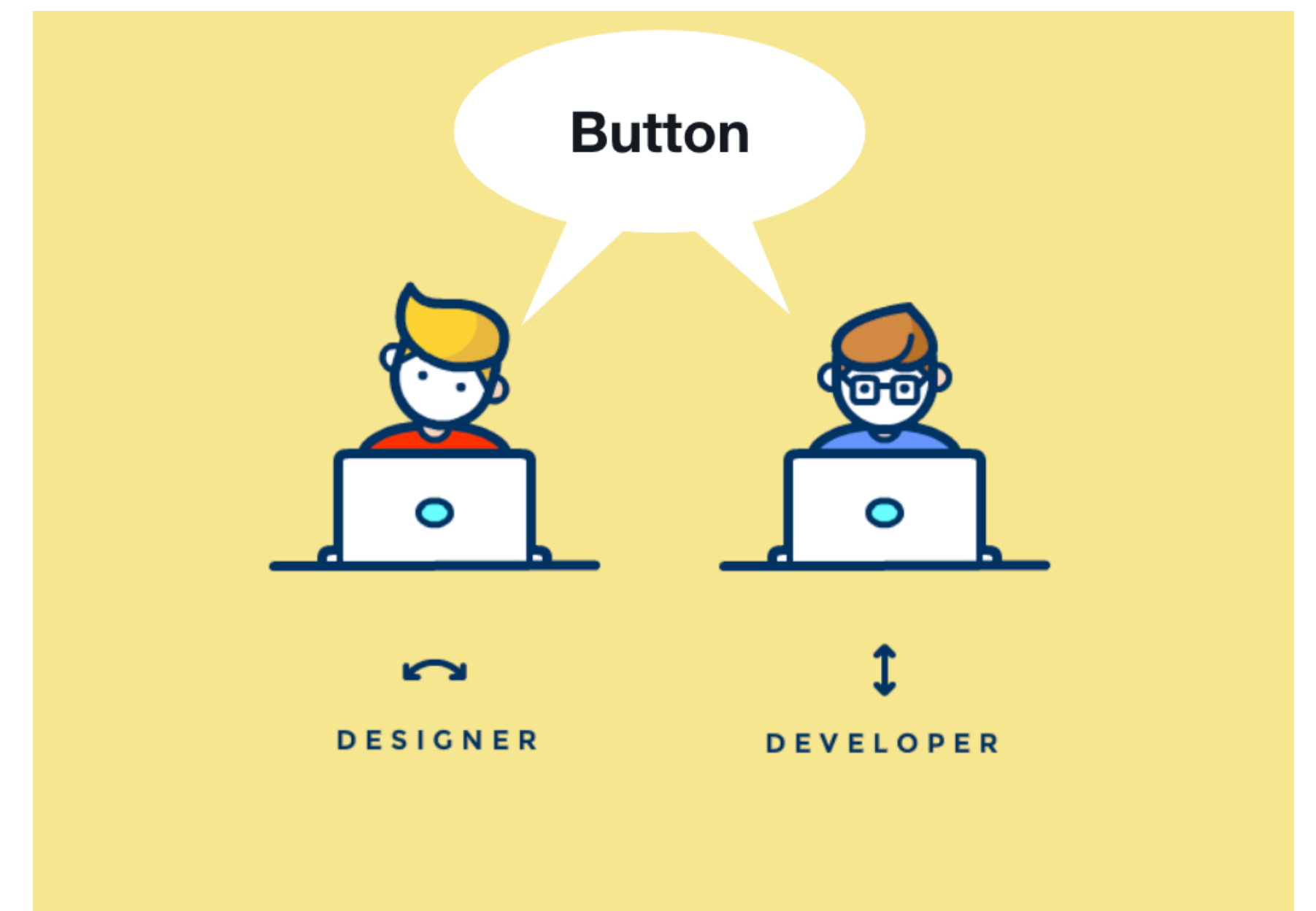
CONTACT ME

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+420 000 000 000

“A design system is a collection of reusable components, guided by clear standards, that can be assembled together to build any number of applications.”

BENEFITS OF A DESIGN SYSTEM

- ▶ Consistency through all projects and modules.
- ▶ No need to build the same component again and again. → It saves time!
- ▶ Same “language” for developers and designers.
- ▶ Easy to apply future changes.





 ORBIT

The word "ORBIT" in a large, white, sans-serif font. The letter "O" is replaced by a stylized white icon of a planet with a ring and a small dot representing a moon or satellite.

<https://orbit.kiwi>

KIWI.COM'S DESIGN SYSTEM ORBIT

- ▶ 40+ different components
- ▶ Responsive design
- ▶ Mobile first approach
- ▶ Framework ReactJS
- ▶ Good documentation

<https://orbit.kiwi>

Alerts

Test

Type longer explanation of your message here...

Test

Type longer explanation of your message here...

Test

Type longer explanation of your message here...

Alert

Type longer explanation of your message here...

Badges

Badge

Badge

Badge

Badge

Badge

Badge

Buttons

Your label

Your label

Your label

Your label

Your label

Your label

f Your label

G Your label

ButtonLinks

Your label

Your label

Checkboxes

☐

Your label

Additional information for this choice

☒

Your label

Additional information for this choice

☐

Your label

Additional information for this choice

☐

Your label

Additional information for this choice

InputFields

Your label

Placeholder

* Your label

\$ Value

Your label

Your label Value

Value

Your label

Value

Help text

Your label

Value

Error text

<TEXT />

Hello world

<TEXT />

Hello world

► Orbit

```
<Text
  type="critical"
  weight="bold"
  size="large"
  element="p"
>
  Hello world
</Text>
```

► Non-Orbit

```
<p className="critical bold large">
  Hello world
</p>
```

```
p {
  font-family: "Roboto", sans-serif;
  line-height: 1.4;
}

.large {
  font-size: 16px;
}

.bold {
  font-weight: bold;
}

.critical {
  color:  #d21c1c;
}
```


<TEXTLINK />

Click me

<TEXTLINK />

Click me

► Orbit

```
<TextLink
  type="primary"
  size="small"
  href="http://orbit.kiwi"
  external
>
  Click me
</TextLink>
```

► Non-Orbit

```
<a
  className="primary small"
  href="http://orbit.kiwi"
  target="_blank"
  rel="noopener noreferrer"
>
  Click me
</a>
```

```
a {
  font-family: "Roboto", sans-serif;
  line-height: 1.4;
  text-decoration: underline;
  font-weight: 500;
}

.small {
  font-size: 12px;
}

a.primary {
  color: #00826f;
}

a.primary:hover {
  color: #00a991;
}
```

<CARD />

Some content inside card.

<CARD/>

► Orbit

```
<Card>
  <CardSection>
    Some content inside card.
  </CardSection>
</Card>
```

Some content inside card.

► Non-Orbit

```
.card {
  width: calc(100% - 2 * 24px - 2 * 1px);
  border: 1px solid #e8edf1;
  border-radius: 3px;
  padding: 24px;
}

@media (max-width: 991px) {
  .card {
    width: calc(100% - 2 * 16px - 2 * 1px);
    padding: 16px;
  }
}
```

```
<div className="card">
  Some content inside card.
</div>
```

LET'S START CODING

- ▶ Online editor codesandbox.io in your browser (Google Chrome)
 - ▶ Create account if you don't have it yet
- ▶ Template for your portfolio: bit.ly/orbit-template

Žana Flander

Icons Card

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Text



Button

Icons

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Card expandable

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List TextLink
Icons

THANK YOU!

Any questions?

zana.flander@kiwi.com