

Quick prod releases and what can go (**horribly**) wrong

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I'm Joe

Front End Developer at

AND Digital

Here to talk about a pretty bad,
yet simple, mistake I made once

Mistakes are GOOD

Why?

- You **learn** from them
- Highlight **undetected** problems
- Usually **reversible**

My true story

It's okay to laugh

**Front End Developer at an
e-commerce website**

Used by thousands of people
every day

**My job: Creating A/B tests to
improve the user experience***

**make more money*

Incredibly *fast-paced* environment

Fast and common releases to Production

Best practice was **sacrificed**

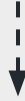
- Code reviews were **optional**
- Coding standards were **ignored**
- Old tests were **not removed**
- **No automated testing** at all

I'm **not** joking



**The checkout process was spread
across separate pages**

Basket Review



Personal Details



Delivery Details



Payment Details



Final Review

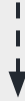
Basket Review



Personal Details



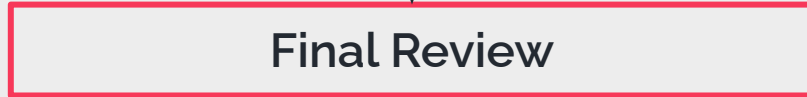
Delivery Details



Payment Details



Final Review

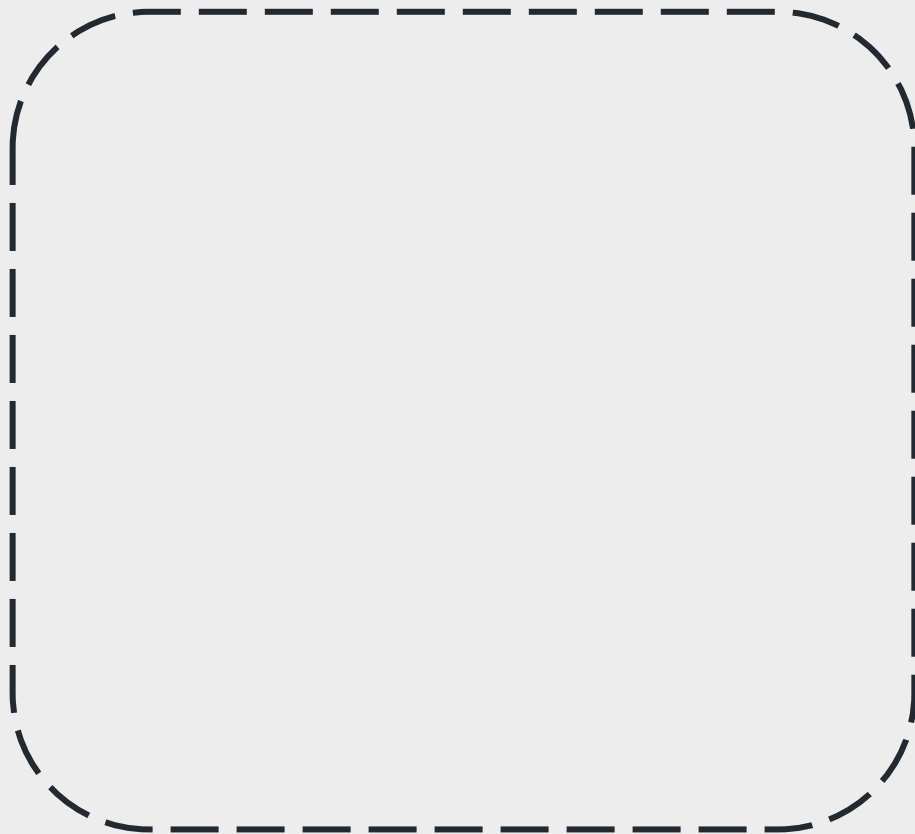


FORM

SUBMIT

SIDEBAR

FORM



SIDEBAR



Started code review



Merged to master



Pushed to Production



Started test



Intermission:

HTML Forms 101

```
<form />
```

Name

Birthday

Favourite PHP function

```
<button type="submit" />
```


`<form />`

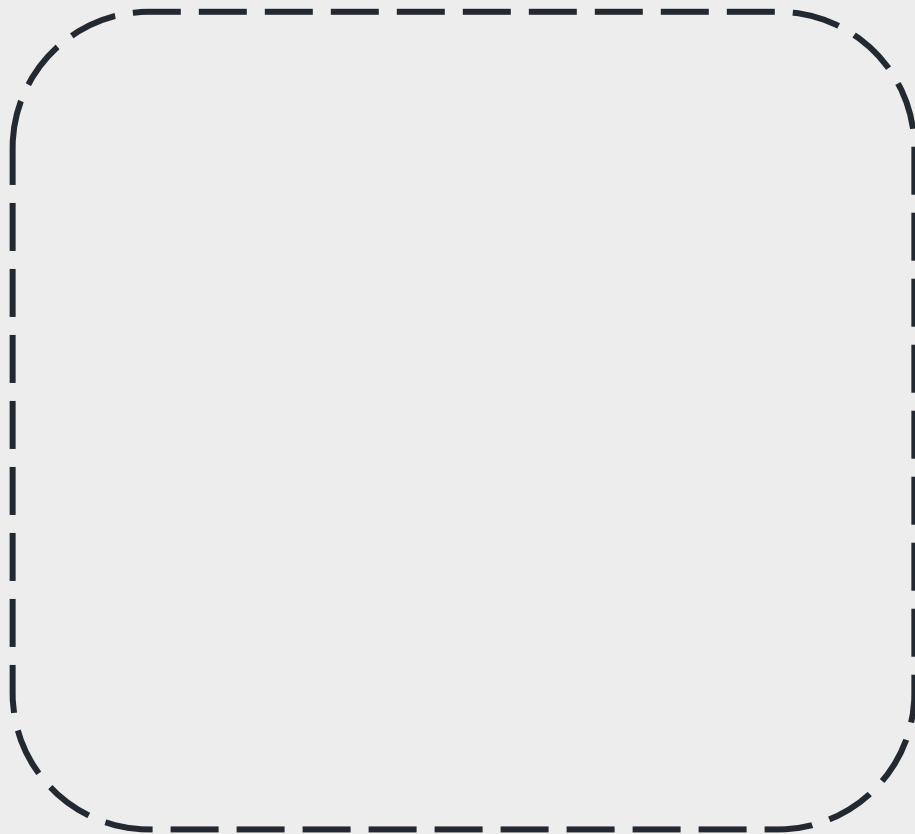
Name

Birthday

Favourite PHP function

Placeholder for a fourth form field, represented by a dashed border.

FORM

A large, empty rounded rectangle with a dashed black border, representing a form area.

SIDEBAR

A rounded rectangle with a dashed black border. Inside, at the top, is a green rectangular button with a black border and the word "SUBMIT" in black, uppercase letters centered on it.

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Final Review

Basket Review



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Final Review

WTF

The result?





What did ~~we~~ I learn?

Best practice exists for a reason

- Carry out code reviews
- Follow coding standards
- Remove redundant code
- Write automated tests

Anyone can make a mistake

- Support and understand
- Help to teach to avoid a recurrence

Thank you! 🙌

Connect with me on LinkedIn! - josephshambrook