I work as a consultant:

1. UX/UI Design
2. Frontend Development

I’ve worked as a teacher at DCI:

1. Fullstack JavaScript Development
I work on many different projects.

I work with many different designers and developers.

I work with many different tools and tech stacks.
Two projects I worked on with required:

suedostschweiz.ch
Relaunch in January 2021

berufswahl.zh.ch
Initial launch in August 2019
Still in active development.
Der Kampf gegen die Verschwendung kennt kein Ablaufdatum

Team

Karin Christen
UX Designer, Project Management at required

Me
UX/UI Designer at required

Astrid Tschullik
Leader Digital at Somedia Press AG

Michael Flück
Web Development Team Lead at Somedia AG

Marco Schneider
Web Developer at Somedia AG

Designers

Developers
Intro

01 Second redesign done by required

02 Based on new brand design with new fonts, colors and more

03 Improve ads revenue

04 Improve subscription revenue
Tools

Notion for project management & documentation

Figma for UX/UI design

Loom for video explainers
How it started

March 2020

First exploration
How it started

March 2020

Second exploration
Final exploration
The design system was not the goal of the project.
The design system organically grew into the underlying product that supports the new redesign.
1 Brand with 4 theme colors.

And many regional subbrands.
Spacing system with clear examples.

8px grid for everything.
Icon system with each theme in mind.
Typography system that respects each brand theme.
Icon system with each theme in mind.
Examples and definitions for each component.

Supports multiple themes.
Examples and definitions for each component.

Supports multiple themes.

2 / 3
Examples and definitions for each component.

Supports multiple themes.

3 / 3
The biggest benefits

01 Minimal effort → High consistency and quality standard

02 Low friction → Developers rarely had questions about the designs

03 Enabled us to talk with the client about the design on a system level

04 The small investment speeds up the process
The biggest learnings

01 A design system should start lean. 
   It doesn't need to be a huge undertaking.

02 You can start at any time without permissions by just taking 
   incremental steps towards a more organised discussion.

03 Having a documentation for tokens/variables 
   and components in Figma or Notion is already enough.

   You probably don’t need a specialized tool.
Aktuelles

Chat-Beratung
Wir sind von Montag bis Freitag jeweils von 13.30 Uhr bis 17.00 Uhr für dich da. Klicke auf den Chat-Button unten rechts und stelle uns deine Fragen!

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> Termin vereinbaren

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> Termin vereinbaren

Corona-Krise: Fragen und Antworten (03.03.2023)
Team

Karin Christen
UX Designer, Project Management at required

Dominik Schilling
Fullstack Developer, WordPress Developer, Open Source Developer at required

Me
UX/UI Designer, Frontend Developer at required

Marc Gander Odermatt
Bildungsdirektion des Kantons Zürich

Developers
Designers
Intro

01 Create a new web based experience for the Bildungsdirektion Kanton Zürich

02 Replacement for the old mobile app
Simplified Workflow

01 Understand the desired UX and wireframe it @Karin

02 Create a rough UI design in Figma @Simon

03 Get initial approval and implement the design into the frontend @Dominik @Simon

04 Iterate on the features in the frontend @Karin @Dominik @Simon
Gotta ship fast 🚀
This just works

We switched TypeScript to save us headaches

Storybook for component documentation
Storybook

Button

```javascript
() => {
  const label = text('Label', 'Default Button');

  return <Button onClick={action('clicked')}>{label}</Button>;
}
```

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>className</td>
<td>string</td>
<td>false</td>
</tr>
<tr>
<td>href</td>
<td>string</td>
<td>false</td>
</tr>
<tr>
<td>target</td>
<td>string</td>
<td>false</td>
</tr>
<tr>
<td>isPrimary</td>
<td>boolean</td>
<td>false</td>
</tr>
</tbody>
</table>
In numbers

2.9 MB  
Total bundle size

250 KB  
Shipped on initial load

0  
Cookies

7 KB  
Total CSS size

0 KB  
First party JS reloaded

43  
Components lazy loaded
How we select libraries

01. Does it support our use cases?
02. Is it still supported and maintained?
03. Can we do it ourselves?  
   We have our own 100 LOC form management hook
04. How big is the bundle?  
   Check bundlephobia.com
05. How big is the benefit?  
   We use react-dates
06. Can it be lazy loaded?
Be lazy, save bandwidth 👍
The benefits

01 This workflow focused on getting things done
  → Every branch & commit has its own deployment for testing
  → Everyone can quickly give feedback on the end product

02 Main components are decoupled from the business logic
  → Storybook for visual testing and referencing
  → TypeScript catches errors before they happen

03 Strict ESLint and Stylelint setup, thanks @Dominik

04 Our code is the source of truth
  → It’s well documented and our main focus
The learnings

01 A design system doesn’t need to happen in a design tool
   A single source of truth is enough

02 In some cases designing in code is possible with small frontend teams

03 Building a design system can be done incrementally alongside the main product
Thank you!
Questions?

Add me on LinkedIn

View presentation Figma