**Title:** Coding for Accessibility

**Description:** Accessibility is something that often gets floated about, and there’s good reason for it. When we build accessible software, everybody wins. But especially, we open the door to employment and inclusion for folks who would otherwise not be able to do their job.   
In this session we’ll explore how to build components and software with an accessible-first approach. We’ll look at best practices and try to avoid pitfalls along the way.  
This session is especially suited for web developers who build React components or HTML web pages where customers will interact with their tools. However, the first half of the talk will talk about general accessibility, best-practices which may be of interest.

**Outline:**

1. Introduction
   1. A brief history of accessibility on the web
   2. A brief warning about not being accessible
   3. Who we help when we’re accessible
2. WCAG 2.0, and the journey to compliance
   1. Color contrast
   2. Readability
   3. Interaction
   4. Alt-text
3. The power of semantic HTML
   1. A menagerie of elements
   2. Keep it native
   3. Some dangerous CSS: here be monsters
4. What is an Aria?
   1. When to use Aria roles
   2. When not to use Aria roles
5. Special considerations for React developers
   1. Focus
   2. Interactive components
   3. Building accessible components
6. Conclusion