

TECHNOLOGY SERIES - T100  
Modern Web Dev with SvelteJS

## Summary

Learn the basics of modern web development using [SvelteJS](#). Svelte is a web framework that provides both a great developer experience and a great user experience. Modern web development can be complex and challenging. The ecosystem continues to grow and offers many solutions to focus on the same problems. How can we build applications that provide a great user experience while providing strong testability, maintainability, and reliability? Svelte is one of the web frameworks that solve both challenges ability to create great user experiences and a joy to maintain.

## Outline

- Component architecture in Svelte
- Svelte's superpower (reactivity)
- How to share state across components
- How to integrate with DOM libraries (Svelte Actions)
- How to use CSS Transitions to animate changes
- Visual component unit testing with cypress

## Prerequisites

- Understanding of:
  - JavaScript
  - HTML/CSS/DOM
  - Git & Github account
- Code editor (recommend VSCode)

## About your presenter

Tom Wilson is the Founder/CEO of [hyper63](#), a company that provides hyper a meta-service framework to remove the pain of working with cloud services. Before hyper, Tom was the CTIO with Tabula Rasa HealthCare Inc (TRHC). During this period, Tom served the local technology community, inspiring and mentoring engineers. Connect with Tom on [LinkedIn](#).

## Vitals

**Cost:** \$60 (\$50 CDC members)

**Class length:** 3 hours

**Class size:** 20 persons

**Difficulty:** Intermediate

**Laptop:** Recommended but not required

**Location:** Flagship @ Charleston Tech Center  
997 Morrison Dr, 2<sup>nd</sup> Floor  
Downtown Charleston

**Parking:** CTC Garage (*immediately adjacent*)  
4 Conroy Street

**Questions?** 843.607.1264 or [info@charlestdigitalcorridor.com](mailto:info@charlestdigitalcorridor.com)