

CoLAB TalentReady IT Pathways
Software Development KSAs for Curriculum Alignment

12. Web Application Development (if this is job target)

	KSA Description	Knowledge, Skill, or Ability?	Bloom's Taxonomy Level?	Cross-cutting KSAs	Notes
a	Ability to write templated HTML pages.	Ability	3		
b	Write HTML5 with a valid doctype and use dozens of HTML elements.	Ability	3		
c	Use bootstrap / a CSS frontend framework to apply a theme to web pages.	Ability	3		
d	Use a backend programming language to create a webapp that responds to requests.	Skill	3		
e	Use a MVC framework to create a web application with basic CRUD abilities.	Skill	3		
f	Ability to write a webapp using the Single Page Application (SPA) paradigm.	Skill	3		
g	Knowledge of responsive web design.	Knowledge	3		
h	Knowledge of accessibility (Section 508 etc.) guidelines.	Knowledge	3		
i	Consuming and working with JSON API's.	Ability	3		