I have a request out for a class and have listed all of the information I have gathered below and wanted to see if anyone at Elephant Scale could do this type of class. Please let me know if you have any questions.

The client would like to run this class before the end of the year, this would be a 2-day course and the location will be MA.

TThe link is what they have seen as far as an outline.

<https://www.developintelligence.com/catalog/java-training/advanced-java-ee/secure-coding-in-java-ee>

These are the biggest points that they would like to cover as far as this outline goes:

1)      REST endpoint security (specifically oauth2 token based authentication and authorization). Hands on for the oauth2 server setup, capability to have an embedded token server, token lifecycle and management.

2)      Developing securing java applications – Safe coding and design patterns, how to find vulnerable code while doing a code review, most common pitfalls.

3)      JavaScript security – how to manage secure PII data on the end client apps (mobile app, browser, tablet)

We did a pre-scope with another instructor and this below information is what he was able to gather for me:

*- I think the person you need should have some level of Angular 4 (though not necessarily be expert) and OAuth2 in their skill set. What's below is intended primarily to help any candidate instructor understand what I gleaned from our chat.*

*- I didn't ask if they wanted to learn to code the OAuth protocol on the server side, or only on the client side. Our discussion gave me the impression they only care about the client side, but perhaps you could ask, and then include that in what you send out to potential instructors. If they answer "yes", you'll need to add JAX-RS (RestEasy) and perhaps JBoss, to the skill set you're looking for.*

*- Below is my take on what a candidate instructor needs to understand to decide if they can handle  this and to move forward.*

*---------------------------------------------*

*For background, they're a somewhat financial/government type organization, clearly with very specific legal mandates about security. They're building REST services with Java and RestEasy, and running them on JBoss. Their clients are built with Angular 4.*

*They want the class to focus on OAuth2 and handling the token, seemingly mostly from the client side aspect (though I'm not entirely clear if they want to build the server side too in class. I omitted to ask).*

*They'd like to actually code the authentication mechanism (possibly on both sides, though I think if there were a pre-built REST service that handled the server side, they might be OK with that, as they were really pushing hard to learn the client part).*

*They said "they don't need the basics" but were not particularly clear about what basics their people already know (they mentioned (injection, spoofing, and json with a distinct handwave, so  who knows), From the flavor of the conversation I think it would likely be important to have a section at the beginning that does a review of the foundations, and be willing to spend more time where they show themselves weak.*

*They want to learn best practices and actual application with a real example.*

*They want it lab heavy, so it might be that spending a day on basics, followed by OAuth concepts in detail, along with any key points in making a good implementation followed by a day coding up a good implementation with variations might be a reasonable start.*

*I believe the duration they're wanting is two days.*

Please let me know if we can fit this into your schedule.

Best,

Heather