We Hack Purple

Live Training Services Package
Our Services

If you have a specific topic in mind for your workshop, please contact us to collaborate!
Our current workshops include:

Application Security Foundations ................................. 2
Secure Coding for Developers .......................................... 3
DevSecOps Basics with GitHub Actions ....................... 3
Cloud Native Security and Azure Security Center .... 4

Tanya Janca

Tanya Janca is a notable industry leader has been working in IT for over twenty years. She has won numerous awards, worked everywhere from startups to tech giants, and even authored a best selling book, Alice and Bob Learn Application Security. She is an experienced public speaker, active blogger and has delivered hundreds of talks and trainings on 6 continents.
Application Security Foundations

Two day comprehensive workshop including lectures, discussions and exercises.

Bring your application Security Program from zero to hero with this 2-day introduction to Application Security and program-building course. Throughout the two days we will build an application security program for your organization, with an iterative approach, to create a very detailed action plan by the end of the 2 days.

We cover:

- All application security activities
- Different types of AppSec tools, and when to use what (vendor agnostic)
- Planning, measuring and improving of your AppSec Program
- Creating a security champions program
- How to create excellent developer education
- Security advocacy and culture change
- Policies, standards and guidelines for AppSec (including templates)
- Incident Response for AppSec and your responsibilities
- How to scale your team and program, without extra spending
- Best practices for securing Modern Applications
Learn the foundations of secure coding for any language during this fun and educational afternoon workshop! We will cover the '14 commandments' from the We Hack Purple Secure Coding Guideline, as well as a few extras for best results. Learn all the main defences, when and how to do them, and what not to do! Prepare for a lot of Star Trek The Next Generation memes, open discussion, and likely a lot of developers asking for security feedback on their projects!

DevSecOps Basics with GitHub Actions

Half day engaging workshop with hands on exercises.

This workshop will teach concepts of DevSecOps using GitHub Actions CI/CD. Participants will clone our GitHub repo for their test web application, create an GitHub Actions Pipeline, add Snyk, Zap and Trufflehog plugins, plus more!

A basic understanding of DevOps is required for this workshop.
Cloud Native Security and Azure Security Center

Half day workshop including a demo, discussions and exercises.

Have you ever wondered how security is different ‘in the cloud’? How is Cloud Security and the “Cloud Native” approach different than a traditional data center? How can you see what’s going on with your resources? How do you patch? Where can you see your server configs other important information? How do you manage a security incident and how do you even know that you’re having an incident?

This workshop has 3 parts:
1. Group discussion of how cloud native security is different than traditional data centre security
2. Demo of Azure Security Centre
3. Audience members investigate issues and mitigate security issues, in Azure, as a group

Demo will include:
- Complete Azure Security Centre walkthrough
- Policy and compliance, including subscription coverage
- Resource Security Hygiene
- Azure Security Centre Recommendations (mitigation of one or more items, dependent on time)
- Threat Protection, Alerts and Logging
- Applying System Updates Audience Participation (people who do not have a laptop can follow along with the teacher)
- Load Azure Labs into your trial subscription
- Upgrade Security Centre to "Standard" coverage
- Check your security configurations and settings to ensure your apps are safe
- Implement some of the recommendations
- Force HTTPS, turning on Threat protection
- Perform an SQL Injection, then investigate

More as time permits.

Please activate an Azure trial before the workshop. We cannot use your real Azure instance as we will add wildly insecure exercises into your cloud. If you have previously used your free Azure Trail you will not be able to have another one for this workshop.
Questions?

Contact Us

training@wehackpurple.com