# Codebashing
## Game-Like AppSec Training

**Best Innovation in Mobile Development**
**DEVIES Awards 2018**

Codebashing is an interactive AppSec training platform built by developers for developers. Codebashing sharpens the skills developers need to avoid security issues, fix vulnerabilities, and write secure code in the first place. With Codebashing, access to engaging secure coding training is one click away – for the entire development team.

To keep up with the relentless development pace, companies have to empower developers to take ownership of application security – and prioritize vulnerabilities like any other software defect. Developers need help learning and sharpening their application security skills, however, existing training solutions are ineffective and slow developers from accomplishing their main task – writing code. Even with periodic security training, it is usually boring and detached from the developer's normal work routine, so any knowledge gained fades quickly rendering the training experience ineffective.

## Learn By Doing

Codebashing teaches developers the principals of common AppSec vulnerabilities and secure coding techniques. This helps them sharpen and maintain their application security skills in the most efficient way. Codebashing is unique because developers can access an entire library of high-quality, purpose built learning modules when it is needed most – when a vulnerability is detected and needs to be remediated. Once they have run through the quick to play hands-on training, they return directly to work equipped with the new or reinforced knowledge to resolve the problem.

### What Makes Codebashing Different?

**Innovation Cycle**  **User Focused**  **No Boring Videos**

Microsoft

"Codebashing is a true innovator in the AppSec training space, we're excited to be on that journey with them. As a site-wide license customer, many 10's of 1000's of Microsoft Engineers have access to the Codebashing training platform."

fitbit

"We're seeing enthusiastic, viral adoption by new-found friends of the security team. Simultaneously awesome, useful and terrifying!"

## Key Benefits

- **Game-like:** developers can "wear the hackers hat" as they work through a learning module and absorb the information as quickly as possible
- **Hands-on:** see all the moving parts of the application stack that are relevant to explaining the vulnerability
- **Interactive:** bring everything to life in an interactive and intuitive way
- **Fun:** developers can roll up their sleeves and play while learning
- **Enterprise ready:** drill-down dashboard analytics & built-in support for major SSO/SAML providers

## How Codebashing Works

Each course catalog covers the top application security vulnerabilities specific to that programming language. Each module takes developers through a combined and engaging experience. As the developer interacts with the elements within each module, they receive insights on how secure development techniques are employed to defend against application exploits for the same, or similar vulnerability classes.

## Engagement Features

- Share modules with other developers
- Create LinkedIn certificates for modules successfully completed
- Promote with training module notifications
- Reward with gamification badges and celebrate success

"Codebashing has enabled Sky to roll out our secure coding training initiative to thousands of our developers across our engineering departments at a scale which would otherwise be impossible to manage with conventional approaches."

"An innovative and scalable training solution, which has given our devs exposure to security vulnerabilities through the entire stack, all accessible using just a browser."

**Dashboard Tracks Usage Statistics**
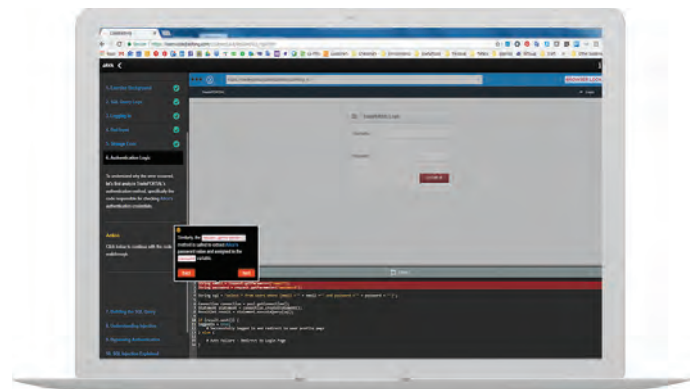
**Interactive Bite-Sized Code Walkthrough**

## Supported Coding Languages

## About Checkmarx

Checkmarx is an Application Security software company, whose mission is to provide enterprise organizations with products and services that empower developers to deliver secure applications faster. The combination of Checkmarx technology, methodology and expertise is the most cost effective way to produce high fidelity results, drive developer adoption, streamline remediation, and lead to secure application delivery. Amongst the company's 1,400+ customers are 5 of the world's top 10 software vendors and many Fortune 500 and government organizations, including SAP, Samsung, and Salesforce.com.
For more information about Checkmarx, visit  https://www.checkmarx.com