

SECURE WEB APPLICATION DEVELOPMENT WITH ASP.NET

As organizations increasingly rely upon applications as part of their core infrastructure, it becomes vital to protect these assets by educating the one group best positioned to secure them from attack – application developers.

Overview

This course educates architects and developers on how to build secure and reliable ASP.NET web applications. In addition, students will learn about web application security threats and how to remediate the most common web application vulnerabilities.

Approach

Our training methodology employs a highly-effective case-study based approach that includes hands-on activities, live and recorded demonstrations, and class discussion. Our case-study method allows students to immediately apply learned concepts and skills to a real-world system, which improves retention and understanding while keeping students engaged. In addition, our tailored training allows the class to cover a broader range of topics in greater detail, and we are prepared to customize each class to your unique training needs. Student benefits of targeted training include maximized use of instruction time and increased knowledge retention.

Course Details

Secure Web Application Development with ASP.NET is built upon years of application security consulting expertise and our experience having trained thousands of developers in similar topics. The following table includes a sample course outline that can be fully customized to your training requirements.

COURSE TOPICS		
<ul style="list-style-type: none"> • Web App Security Basics • Recent Events • Security Fundamentals • Secure Application Design Fundamentals • Input Validation • Authentication • Authorization • Configuration Management 		<ul style="list-style-type: none"> • Sensitive Data • Session Management • Cryptography • Parameter Manipulation • Exception Management • Auditing & Logging • .NET Security Models and Frameworks
INTENDED AUDIENCE	DURATION	COURSE MATERIALS
<p>Developers, Architects, QA, and Security Assessors who are familiar with ASP.NET and understand the fundamental web technologies and concepts.</p>	2 Days	<ul style="list-style-type: none"> • Slide Handouts • Case-study Exercise Guide • Security Resources Link Sheet • Hacking Exposed: Web Applications

ABOUT STACH & LIU

Stach & Liu was founded in 2005 by industry leading experts to help companies secure their networks and applications. Our team of security professionals possess over 100 years of combined security experience and more than 75 years of security assessment and consulting experience with government intelligence, the Fortune 100, and Big 4 consulting.

In addition to authoring several best-selling security books, being published in industry journals, and profiled in multiple industry articles, our team has been presenting their security research for over a decade and has spoken at top conferences including BlackHat, DefCon, InfoSecWorld, OWASP, SANS, and Microsoft BlueHat. Stach & Liu has strategic partnerships with Hewlett-Packard, Computer Sciences Corporation, and Checkmarx. Stach & Liu is privately held with headquarters in Phoenix and additional locations in Atlanta, Los Angeles, San Francisco, Seattle, and Tokyo.

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