

Erez Metula, CISSP - CV

Application security & secure development expert

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Birth date: 30/03/78, Address: Maanit 10, Kfar saba, Israel

Education

<u>Computer science, MSc (toward graduation)</u> The Open University of Israel	2006-2009
<u>CISSP - Certified Information System Security Professional</u>	2006
<u>Computer science, BSc</u> Ben Gurion University, Israel	2000-2003

Languages: English – Fluent, Hebrew – Fluent

Professional knowledge

Information Security knowledge & skills

- Application security expert, thorough experience in security consulting & testing.
- Application Security trainer – teaching developers how to write secure code secure & how to test their own applications for security vulnerabilities.
- Programmer of various languages, experienced in assessing application security on multiple platforms and multiple languages. Able to understand others code. Experienced in performing security code reviews in .NET, C/C++, Java, and PHP. Had leaded many SDL (Secure Development Lifecycle) projects.
- Application penetration tester - Thorough hands-on in identifying, testing & fixing application level vulnerabilities
- Researcher of various software security issues.

Security trainer & speaker

Lectured in the following international security conferences:

- **SOURCE conference 2010, Boston**
- **RSA USA 2010, San Francisco**
- **BlackHat USA 2009, Las Vegas**
- **BlackHat EU 2009, Amsterdam**
- **DefCon 17 2009, Las Vegas**
- **CanSecWest 2009, Vancouver**
- **OWASP/ISSA 2008, Belgium**
- **IT security conference 2008, Vietnam**
- **OWASP conference 2007, Israel**
- **OWASP 2007, Israel**
- **Microsoft Security User group 2007**
- **Computer crimes conference 2007, Nigeria**

Courses I teach:

- Secure coding in .NET
- Secure coding in C/C++
- Secure coding in Java/J2EE
- Secure coding in PHP
- Advanced web application penetration testing

Had trained the developers of the following key organizations:

Motorola, Visa (England), Goldman Sachs (N.Y.), Israeli Defence Force, Hapoalim Bank, ABS (Association of banks, Singapore), Checkpoint, INSA (Information and Network Security Agency, Ethiopia), Amdocs, ZEND , Microsoft, Sungard, Ness, Akhela (Italy), Applied materials, PwC (Belgium)

Books

I am the author of the book "Managed Code Rootkits – Hooking into Runtime Environments", by Syngress publishing

(http://www.amazon.com/Managed-Code-Rootkits-Hooking-Environments/dp/1597495743/ref=sr_1_1?ie=UTF8&s=books&qid=1275638178&sr=1-1)



Whitepapers

.NET Framework Rootkits – Backdoors inside your Framework, Erez Metula, 2008
(<http://applicationsecurity.co.il/.NET-Framework-Rootkits.aspx>)

Relevant Jobs

2010-Current

AppSec.co.il (Founder)

Independent Application security expert

- Independent application security & secure development expert focusing on advanced security topics
- Consultant - providing secure development services, penetration testing, Code reviews & SDL.
- Instructor - teaching programmers how to write secure code and pentesters how to find security vulnerabilities in applications

2005-2009

2B Secure

Application security department manager

Academic Director, Security school

- Team leader of the application security group.
- Hands on, active member of the team
- Security training academic director & instructor
- Research & Development leader. Developing tools for assessments

2004-2005

Avnet Deloitte Touche

Senior application security consultant

- Application security consultant
- Consulting & assessment of large scale applications
- Security guidance of application projects for the whole development life cycle.
- Security guidance for developers

- 2003-2004 **Ben-Gurion University**
Teaching Assistant
- Teaching Assistant for the head of Math department at Ben Gurion University.
 - Teaching students in Math & Computer Science courses.
- 2001-2003 **Storm systems**
Developer
- Java & C++ programmer
 - Developing security solutions.
 - In charge of network & security aspects of the company.
- 1995-1997 **Freelance Developer**
- Developing various applications & web sites.
 - Programming in C, C++, Java, ASP.

Security clearance

- Have a security clearance.

Military Service

- 1996-1999 • Squad leader, border patrol unit.
- * Recommendations will be delivered on demand.