

Michał Sobiegraj, CISSP, IPMA-D, CEH



Personal details

Location Wrocław, Poland
Contact +48 509 509 150, michal@sobiegraj.com
Web page <http://sobiegraj.com/>
Birth date March 14, 1982

Education

Training Jan 2008 – Mar 2008 **Project Management**
Professional Project Management,
Project Risk Management,
Project Budgeting and Finances,
Communication and Project Team Management

University Nov 2006 – ... **Wrocław University of Technology**, Poland
Computer Science, Information Security, Ph.D.
Bibliographic studies in IT risk management area

University Mar 2006 – Jul 2006 **Hagenberg University of Applied Sciences**, Austria
Software Engineering
Erasmus student exchange programme

University Oct 2001 – Oct 2006 **Wrocław University of Technology**, Poland
Computer Science, Computer Systems and Networks, M.Sc.
Master's Thesis subject: "Research on performance of the active TCP/IP set services detection and recognition"

Professional experience

Information Security Freelance Consultant and Trainer (self-employed), <http://sobiegraj.com/>
Sep 2006 – ... Information Security Consultant and Evangelist

- Providing Information Security advisory and consulting services;
- Performing Risk Assessments and Risk Analyses, audits and penetration tests;
- Evangelising Information Security;
- Customers:
 - ABN AMRO Bank (Polska) S.A. (<http://abnamro.pl/>),
 - Favore Sp. z o.o. (<http://favore.pl/>),
 - CNSgroup Sp. z o.o. (<http://cnsgroup.pl/>) and others.
- Providing Information Security trainings:
 - Information Systems and Networks Security (together with Presscom Sp. z o.o., <http://presscom.pl/>).

QuattroVisionaries, <http://visionaries.pl/>

Jul 2007 – ... Co-owner and Project Manager

- Performing market and technical analyses and advising on undertaken projects;
- Managing projects of web-based applications' design and implementation;
- Taking part in the process of designing applications selected for implementation.

ABN AMRO Bank (Polska) S.A., <http://abnamro.pl/>

Sep 2006 – Jun 2007 Information Risk Analyst

- Performing Operational and Project Risk Assessments of critical bank systems throughout Europe in accordance with **Basel II**;
- Performing **SOX Test of Design** and helping to address SOX audit points;
- Co-development of the internal ABN AMRO Risk Assessment process based on **BS-7799 / ISO-2700X / ISO/IEC-17799** and other widely recognised standards;
- Providing **Information Security advisory** to business and addressing business requests;
- Experience with security of popular operating systems: IBM **i5/OS**, IBM **z/OS**, Windows 200X/XP; middleware: IBM **DataStage**, **WAS**, **MQ**, etc.; applications: **PeopleSoft**, **Business Objects**, Odyssey Advisor, etc. and databases: ORACLE DB, DB2, MSSQL.

Securityinfo — an IT Security portal, <http://securityinfo.pl/>

Oct 2005 – ... Co-owner, Developer and Editor

Securityinfo is an IT Security portal popularising information security and commenting on what is going on in the security world.

- Co-development of the Securityinfo portal;
- Publishing articles in Polish.

Domena.pl Sp. z o.o., <http://domena.pl/>

Jan 2005 – Mar 2006 Chief Developer

- Leading a series of projects, the most important of which were:
 - a domain management System communicating with registrar using a protocol similar to EPP (Extensible Provisioning Protocol, RFC 3730),
 - integration of the aforementioned system with an SWSoft (currently Parallels, <http://www.parallels.com/>) HSPComplete billing system and Plesk hosting platform;
- Responsible for architecture design, security design and security testing;
- Performing penetration tests of internally developed applications and company systems.

InternetWorks Sp. z o.o., <http://internetworks.pl/>

Jan 2004 – Apr 2005 Developer

- Development of a domain management system (communicating with NASK using an EPP, Extensible Provisioning Protocol, RFC 3730) and a web store (Perl CGI, PostgreSQL);
- Customisation of the Mambo and OS-Commerce e-commerce systems (PHP, MySQL);
- Implementation of on-line credit card payment systems communicating either with Polcard or eCard (the two Polish credit card authorisation companies) (Perl, PHP, XML-RPC).

BRE Bank S.A. — CERI Sp. z o.o., <http://www.ceri.pl/>

Aug 2003 Apprentice Network Administrator

- Maintenance of the Bank local area network;
- Large experience with MS Windows systems administration and maintenance (Windows 2000);
- Co-development of a backup tool (Borland C++ Builder).

Earlier: Developer at SRT-Software (Mitterteich, Germany); Administrator of an estate LAN; Developer at Towarzystwo Finansowe „Bankier” (Financial Services „Bankier”); Visionary at FM „Forte” S.A.

For an up-to-date list of projects that I have developed (like **YDPdict**) or that I have just added my two cents to (like **Gajim** or **Quod Libet**), please visit <http://sobiegraj.com/projects/>

Honours

I hold the following credentials:

- **CISSP** (Certified Information Systems Security Professional), Jul 2007
- **CEH** (Certified Ethical Hacker), Apr 2008
- **IPMA Level D** (Certified Project Management Associate), exam passed Apr 19, 2008

and I am a member of the following organisations:

- **ISSA** (Information Systems Security Association) International, since Nov 2007
 - ISSA Polska Board of Directors Representative in Wroclaw
 - Leading the ISSA initiative in Wroclaw (<http://www.issa.org.pl/wroclaw/>)
 - Organising a monthly meeting of ISSA Polska in Wroclaw
- WrocLove Toastmasters Club – a Polish public speaking club in Wroclaw (<http://tm.wroclaw.pl/>)
 - Co-founder

Speaking and publishing

I have delivered the following talks:

- “Risk Analysis for Web Applications”, Grill IT Wroclaw, 20 Jul 2007,
- “Reputation as an Asset. Threats, Loss Prediction and Risk Management”, Keynote at GigaCON Warszawa, 10 Sep 2007,
- “Technology Risk Management of Web Applications — A Case Study”, Grill IT Wroclaw, 12 Oct 2007,
- “How Do Machines Tell Humans and Machines Apart? A Reverse Turing Test and It’s Side Effects”, SecureCON Wroclaw, 20 Oct 2007,

- A lecture on risk management at WWSIS (<http://www.wwsis.pl/>), 18 Oct 2007,
- “Minor Mistakes in Web Portals — A Real Case Study”, ISSA Wroclaw, 9 Jan 2008,
- “Strong Authentication (2FA)”, ISSA Wroclaw, 12 Feb 2008

and I have published the following articles:

- “Risk assessment tips and tricks”, Xploit 1/2008 (<http://www.xploit.pl/>),
- “Strong Authentication”, Xploit 2/2008,
- Series of articles at Securityinfo (<http://securityinfo.pl/>),
- Number of blog entries at Sobiegraj on Security (<http://sobiegraj.com/blog/>).

My Strengths

My five most dominant strengths describe me as a person strongly **focused** on avowed targets. I am also someone who seeks for simple **ideas** and rules behind complex phenomena, and looks at things from unusual, uncommon perspectives. I also see each person as an **individual** and treat them as such, with their strengths and weaknesses. I am an **activator**, I love to take action. And finally, I really like to interact with people and to **woo** them.

Skills

Ability to approach challenges creatively with a solid grasp on time and budget constraints; practical acquaintance with project management;

Expertise in **IT security** based on lots of hands-on experience with system/application hardening, security architectures development and application security testing; good knowledge of IT security best practises, solid technical background resulting in good knowledge of security threats, vulnerabilities, methods of exploitation and feasible countermeasures;

Expertise in information risk management and IT security auditing; acquaintance with COBIT methodology; ability to implement the **ISO/IEC-2700X** standards, develop a security policy and security procedures based on it; ability to develop **Business Continuity** and **Disaster Recovery** Plans;

Very good understanding of challenges associated with secure computing (cryptography, TCB, ACLs), networking (Intrusion Detection and Prevention Systems and firewalls deployment, secure LAN and WAN networks design) and information flow in distributed environments (cryptography, VPN, PKI);

Practical knowledge of penetration testing methodologies; ability to perform **penetration tests**, **code reviews** and to **reverse engineer** binaries (experience with win32 and J2ME binaries);

Good knowledge of GNU/**Linux** (mostly Debian and Ubuntu) systems configuration and advanced administration; some experience with both: purely **Windows** based and heterogeneous (Windows and Linux based) environments;

Wide experience with the following **programming languages**: C/C++, Java, Perl, Python, C#, awk, bash, PHP, JavaScript; and with various version control systems;

Good practical knowledge of **database design** principles; good orientation in strengths and weaknesses of particular database engines.

Languages spoken

English	fluent in speaking and writing
Polish	native
German	basic passive
Russian	basic (A2)

Additional information

Driver's License B category

I have strong analytical skills. I am also an articulate and direct person who finds a great deal of motivation in teamwork.

In my spare time I devote myself to **climbing**, and **photographing**. In longer periods of free time I like to **sail** and visit exotic and preferably warm places. I like to cook and I do it a lot.

Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w ofercie pracy dla potrzeb rekrutacji, zgodnie z ustawą z dnia 29.08.1997 r. o ochronie danych osobowych (Dz. U. nr 133, poz. 883, ze zmianami).

I hereby authorize you to process my personal data included in my job application for the needs of the recruitment process in accordance with the Personal Data Protection Act of 29.08.1997 (Journal of Laws No 133, item 883 with changes).