

Ing. Martin Švihla, PhD.

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Education:

- 2003 - 2007 **Czech Technical University in Prague**
PhD study at Department of Computer Science and Engineering, Faculty of Electrical Engineering.
Dissertation thesis: "Transforming Relational Data into Ontology Based RDF Data".
Graduated in 2007.
- 1996 - 2003 **University of Žilina**
Master programme at Department of Informatics, Faculty of Management Science and Informatics.
Master thesis: "Graphical Web Editor for Workflow Processes"
Graduated in 2003.
- 1997 - 1999 **Comenius University in Bratislava**
Faculty of Physical Education and Sports.
Degree received: the 1st class trainer of aikido (Graduated in 1999).

Relevant Work Experience:

- 2003-present **Freelance web developer and analyst**
Contract work for various software companies and work on own projects (see portfolio for more details). Work at positions of analyst, graphics and UI designer, software architect and programmer.
- 2009-2010 **Jyxo s.r.o / Sklik.cz**
Development of the Czech leading PPC system sklik.cz.
- 2007 **Faculty of Electrical Engineering, CTU Prague**
Preparing and lecturing of the course "Web Application Development 1" in bachelor programme at Department of Computer Science and Engineering, leading a team of teachers.
- 2005-2006 **Novy Prostor (Non-profit organisation)**
Analyze, desing and development of web portals and web-based applications for various social projects.
- 2003-2005 **Faculty of Electrical Engineering, CTU Prague**
Lector of a courses "Algorithms and Programming" and "Object Oriented Programming", both in Java language.
- autumn 2004 **Faculty of Nuclear Science and Physical Engineering, CTU Prague**
Lector of a course "Programming in Java".
- spring 2002 - **SAMTECH s.r.o., Žilina, Slovak republic**
spring 2003
Java developer of web applications.
Part time job.
- fall 2000 - **MIS s.r.o., Prague, Czech Republic**
fall 2001
Programmer of internet applications for commercial televisions and advertising

agencies. Experiences with Oracle database and PL/SQL language.
(<http://www.mis-net.cz/>)

fall 2000 - **Internet Centrum Kobylišy, Prague, Czech Republic**
winter 2001 Web developer. Small e-business sites (PHP+mySQL).
Part time job.
(<http://www.kobylišy.cz/>)

Skills:

OS: Linux (administrator/user)

Databases: Oracle, mySQL, Firebird/InterBase

Web development: (X)HTML, Ajax, CSS, JavaScript, XML, XSL, SVG, Google technologies (Maps, Analytics)

Programming languages: Java, PHP, PL/SQL (procedural language for Oracle)

Semantic web technologies: RDF, RDFS, OWL, RDF repositories

Others: driving licence class B

Languages:

Slovak (native speaker), English (fluent), German (basic), Czech (fluent).

Other skills and interests:

I am an aikido student and teacher and practitioner of the Japanese energetic massage shiatsu.

My very interest is communication (by computer program, web site, words or touch) and solution finding in conflict or problem situations.

I can learn new things very quickly and I am also able to transfer the knowledge to other people, since I have rich experience with teaching of (not only) programming and web development.