Mgr. Jiří Kremser

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Objective

A software architect with a lot of knowledge in theoretical informatics as well as in applied informatics and information systems, looking for an opportunity to realize his own skills on large enterprise projects.

Education

Masaryk University, Brno, Czech Republic

Master's degree, Faculty of Informatics — **February 2011**

- Specialization: Information systems
- Merit scholarships granted repeatedly during the studies
- Thesis topic: *Metadata Editor on top of GWT*
  Information system for editing metadata and for ingesting digitized objects into Fedora repository for Moravian Library in Brno

Erasmus programme, The University of Nottingham, Faculty of Computer Science — **25/1/2010 − 16/6/2010**

- Artificial Intelligence methods
- Quantum Computation (+Haskell)
- Designing intelligent agents

Bachelor's degree, Faculty of Informatics — **February 2008**

- Specialization: Computer systems
- Thesis topic: *System for Connection Search within IDS JMK*
  Java ME mobile appliacation for searching the transport connections without the need of internet connection

SPŠ a SUPŠ Opava, Opava, Czech Republic

Graduation — **2004**

- Specialization: Information technologies
- Final project: E-shop (Apache, MySQL, PHP)

Additional Courses

Masaryk University, Brno, Czech Republic

Soft skills for Ph.D. students, Faculty of Informatics — **September 2011**

- 14 days intensive course focused on giving a presentation, communication, project management, time management, etc.

Resolving conflicts in English, Faculty of Social Studies — **March 2010**

- 2 days intensive course focused on resolving conflicts, communication, etc.

Faculty of Informatics

Java Lecturer   **2011 till now**

- Spring semesters (2011 and 2012) – PV168 Seminar in Java programming
- Autumn semester (2011) – PB162 Java

Study of available Long Term Preservation systems   **2011**

- Part-time job for CERIT
- Analysis of systems for storing and ensuring the durability of data in the long term

Google Inc.

Java Analyst and Developer   **May 2011 – August 2011**

- A open-source project under the auspicies of Google Summer of Code programme
- The mentor organization was the DuraSpace
- The goal of the project was to migrate the existing project (Fedora) from obsolete Axis 1.3 to a new WS stack with MTOM support. The CXF was chosen
- Certificate of participation

Moravian Library in Brno

Software Engineer, Metadata Analyst, Java Developer   **2009 till now**

- Customization and deployment of the system for metadata exchange by protocol OAI-PMH among Moravian Library, Europeana and Manuscriptorium.
- Development of the system for ingesting digitized objects into Fedora Commons repository (continuation of my Master's thesis).
- Project page: http://code.google.com/p/meta-editor/
- Using Java, GWT, RESTful/SOAP web services, XML standards, metadata formats (DC, MODS, MARC21, METS, TEI), Tomcat administration, PKI

Software Development Europe

Java Developer and Designer   **14/1/2008 – 31/12/2008**

- Telecommunication information system for monitoring SS7 (telephony signaling).
- SDE is spread all over the world (USA, France, India), therefore I had to communicate fluently in English with my colleagues.

Unicorn

Junior Java Developer   **1/2/2007 – 9/11/2007**

- Thick client front end application for Slovak bank Tatrabank
- Besides developing frontend, I've worked also on the server side with EJB 2.x, Hibernate and WebSpere AS

Ing. Petr Žabička   **Karel Zabloudil**
MZK (Moravian Library in Brno)   SDE (Software Development Europe)
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Librarian Hackathon in Brno   **First place**

Knihoid – An Android appliacation for searching a book in Moravian Library in Brno and Google Books by scanning the barcode.

COMPUTER SKILLS	**Programming languages** Java (very good), Bash (advanced), Scala (basics), Android (moderate); Haskell, Prolog, C, C++, PHP, OpenGL during my studies.
	Databases PostgreSQL, Oracle (PL/SQL)
	Frameworks GWT, Spring, Swing, EJB 2.x/3.x, Hibernate
	Operating systems GNU/Linux, UNIX
	System administration Apache httpd, Tomcat, WebLogic, PostgreSQL, OpenVPN
	Development tools Eclipse (preferrably), NetBeans, SVN, Git
	Other Machine learning algorithms, RESTful and SOAP WS, neural nets, Complex Event Processing, Design patterns, Gimp, LaTeX
LANGUAGE SKILLS	**English** advanced
	Czech native speaker
	German basics
PERSONAL QUALITIES	Team player, flexible, hard worker, presentation skills.
INTERESTS	Culture, music, bike, books, libraries, chess, Java, AI, juggling, didgeridoo, problem solving and learning new things.

21/12/2011 in Brno