

## **Lukáš Křečan**

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### ***Profile***

Experienced **Senior Java Developer** with 7 years experience in developing Java applications in finance, research and telecommunications industry. Expert knowledge of J2EE, Spring, Hibernate, Maven and OOP. Seeking opportunity to do interesting and customer focused work and opportunity to improve knowledge of Agile development.

### ***Expertise***

- Java development (7 years)
- Spring, Hibernate, JDBC, JUnit (4 years)
- Spring MVC, Maven, Acegi, Eclipse, Tomcat
- OOP, Unit testing, Design Patterns, EJB
- Oracle, MySql, HSQLDB
- Linux

### ***Achievements***

- Successfully implemented system for digitally stamping electronic invoices (T-Mobile CZ). This enabled transition from paper to electronic invoices in compliance with legal regulations.  
Technology used: Spring, EJB, BouncyCastle, BEA Weblogic, Oracle, Solaris
- Successful migration of Ant based build system to Maven build system (Telefónica O2 CZ). Migration enabled decommissioning of proprietary Ant based build system. Maven provides standard way of building projects and enables better integration of outsourced projects.  
Technology used: Maven, Linux
- Implementation of development supporting application (Devportal). This application simplified orientation in internal module dependencies, provided continuous integration capabilities and simplified application release.  
Technology used: Maven, Spring, Hibernate, Spring MVC, Oracle, Tomcat
- Implementation of CMS for publishing on the internet (VZP CZ). Customization of OpenCMS, providing workflow for publishing content. Implementation of custom modules.  
Technology used: Hibernate, OpenCms
- Teaching Unit testing. Most popular internal technical course in the company.

### ***Certificates***

- Sun Certified Business Component Developer for the Java Platform, Enterprise Edition 5
- Sun Certified Web Component Developer for the Java 2 Platform, Enterprise Edition
- Sun Certified Programmer for the Java 2 Platform, Standard Edition 5
- Certificate in Advanced English (CAE)

## **Employment**

- 2005 – 2008 Logos, Senior Software Engineer, J2EE programming in telecommunications and finance
- 2004 – 2005 CERN (Switzerland), Software Engineer, J2EE programming of Project Progress Tracking application
- 2001 – 2004 Aegis, Java programmer and consultant in banking, teaching Java and WebSphere courses for IBM training services

## **Education**

- M.Sc. (Ing. degree) in Applied Nature Sciences (Software Engineering) Czech Technical University, Faculty of Nuclear Sciences and Physical Engineering, Prague
- Erasmus studentship, ISAIP-ESAIP, Angers, France

## **Languages**

Czech (native), English (fluent), French (intermediate), German (passive)

## **Realized projects:**

- 2007 – **Devportal** (Telefónica O2 Czech Republic)
  - Migration of build system from Ant to Maven (conversion of Ant tasks to Maven plugins)
  - Implementation of a development supporting application (releasing, visualization of dependencies, continuous integration)
  - Technologies used: Maven, Spring, JPA (Hibernate), Spring MVC, Tiles, Tomcat, Oracle
- 2007 – **ELF2** (T-Mobile Czech Republic)
  - System for electronic invoices generation
  - Adding digital signature to PDF documents in batch mode, communication with the time-stamping authority
  - Technologies used: iText, BouncyCastle, Spring, EJB 2.1, JMS, BEA WebLogic, Oracle
- 2007 – **RECO** (Logos)
  - Internal application for collecting employee reviews
  - Technologies used: Spring, Spring Web Flow, Hibernate, Tomcat
- 2006 – **CCD** (Česká Pojišťovna)
  - Enhancement and deduplication of existing customer database
  - Implementation of back-end business layer
  - Technologies used: Internal framework JOK, BEA WebLogic
- 2006 – **CMS** (VZP)
  - CMS to support web presentation of the largest Czech health insurance company
  - Extension of OpenCMS, implementation of new OpenCMS modules
  - Technologies used: OpenCms, Hibernate
- 2005 – **APT** (CERN)
  - Personnel and material resources planning application
  - Model implementation, User interface implementation, OLAP tools evaluation, Customization and configuration of Mondrian OLAP server
  - Evaluation of Automatic testing tools, Automatic testing framework customization
  - Optimization and performance testing
  - Technologies used: Struts, Spring, Mondrian, BC4J, jWebUnit, Oracle