Lukas Krecan
Email: lukas@krecan.net

Profile
Experienced **Senior Java Developer** with more than 10 years experience in developing backend Java applications. Expert knowledge of J2EE, Spring, Maven, REST, OOP and Scrum.

Expertise
- Java, J2EE development
- Spring, Spring MVC, Spring Security, Spring WS
- Automated testing (Unit, component and integration testing)
- Maven, Eclipse, IntelliJ, Tomcat, MongoDB, SQL
- OOP, Design Patterns, UML, REST, JSON
- AWS, Kubernetes, DevOps, Web security
- JavaScript, React (intermediate knowledge)

Skills
- Teaching, mentoring (taught unit, functional testing, Java 8, ...)
- Knowledge of Agile techniques (Scrum)
- API design

Employment
- 2016 – 2019 Liftago – SW Engineer, DevOps, Backend Technical Lead
- 2011 – 2016 GoodData – SW Engineer, REST API architect, Scrum master
- 2010 – Freelancer
- 2009 – 2010 – T-Mobile – Senior Software Developer/ Analyst
  - Development, Design, Team coordination, Prototyping, Architecture
- 2008 AerLingus (Ireland), Senior Software Engineer, J2EE programming
  - Development, Refactoring, Design, WS Implementation
- 2005 – 2008 Logos, Senior Software Engineer, J2EE programming in telecommunications and finance
  - Development, Design
  - Mentoring, Teaching
  - Member of Java Competency Centre (knowledge sharing coordination)
- 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 Software Engineering, Czech Technical University, Faculty of Nuclear Sciences and Physical Engineering, Prague
- Erasmus studentship, ISAIP-ESAIP, Angers, France

Certificates
- Certified ScrumMaster
- Certificate in Advanced English (CAE)

Interests
- Sport, Slack-line, literature, [blogging about Java](#)

Completed projects:

- 2016 – 2019 – **Liftago** – taxi hailing application
    - Design, architecture, implementation
    - Leading Scrum adoption
    - DevOps, Kubernetes, AWS
- 2016 – today – [ShedLock](#) – open-source library for task coordination
- 2011 – 2015 – **Webapp** - frontend component in GoodData platform providing REST APIs for UI and 3rd parties
    - Design, architecture, implementation
    - Technologies used: Tomcat, Spring, MongoDB, Spring MVC
- 2012 – today - **[JsonUnit](#)** – open-source library for comparing JSON objects
- 2010 – **HOP** (Česká Spořitelna)
    - Optimization, Refactoring, Stabilization, Support
    - Stabilization of mortgage management application back-end layer
    - Technologies used: Spring, JAX-WS RI, Weblogic, Oracle
- 2010 – **Spring WS 2.0** (Open Source)
    - Implementation of WS testing framework
    - API design and architecture
- 2009 – 2010 – **SDP** (T-Mobile, Prague)
    - Service Delivery Platform – broker between third parties and European T-Mobiles (UK, DE, NL, CZ, …)
    - Design, Development, Testing, Team coordination
    - Web Service design and implementation
    - Maintenance, refactoring and evolution of existing code
    - Prototype implementation (Google Marketplace integration)
    - Leading 3-5 developers, Agile evangelism
    - Technologies used: EJB2, Spring, Axis, MySql, JBoss, Spring WS
- 2008 – **aerlingus.com** (AerLingus, Ireland)
    - Development, Design
    - Maintenance, enhancement and refactoring of aerlingus.com e-shop
    - Implementation of Web Services for communication with third-parties
    - Unit testing mentoring and implementation
    - Technologies used: Struts, Spring, Spring WS, JDBC, Ant, BroadVision
- 2008 – **CMP Logic SK** (Telefónica O2 Slovak Republic)
    - Design, Development
    - High performance messaging application
    - Validation and billing of premium SMS/MMS messages
    - Technologies used: Spring, JMS (SwiftMQ), JDBC, Maven, JBoss
- 2008 – **m2eclipse** (Open Source)
    - XML editor for Maven Eclipse plug-in
- 2007 – **Devportal** (Telefónica O2 Czech Republic)
    - Design, Development
    - 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