

Juraj Martinka

Employment

- 05/2017– **Clojure developer/consultant**, EMPEAR AB, remote.
- Working on CodeScene code analysis tool to help SW development teams better understand their systems, identify and reduce technical debt.
 - On-premise version and cloud version (codescene.io)
 - Most of the codebase written in Clojure, thin layer of JavaScript and one service in Haskell.
 - Cloud version running on AWS stack using Elastic Beanstalk.
- 01/2017– **Clojure/ClojureScript developer**, FLEXIANA, remote.
- 04/2017
- Completely distributed team
 - Projects:
 - *Status.im*: a mobile Ethereum OS; application based on react-native and ClojureScript
 - *Disco Melee*: a social platform for gamers built with Clojure and ClojureScript
 - *IS for VEIT Electronics*: Clojure web application integrated with legacy CRM
- 2015–2016 **Senior Java Developer - Data Platform for Hotels**, SNAPSHOT GMBH, Brno, Czech Republic.
- Developed Instagram integration for SnapShot's Data Platform based on Spring boot
 - clean separation into multiple microservices greatly decreased the number of bugs compared to legacy integration modules
 - Focused on improving code quality via code reviews and communication with contractors
- 2011–2015 **(Senior) Software Engineer - Java**, GOODDATA, Brno, Czech Republic.
- Implemented core of ETL framework for execution of user-defined ETL processes
 - Reimplemented legacy Perl Single Sign-On to Java - this made adding new SSO providers faster and helped customers with integration of their systems with GoodData SSO
 - Implemented the first prototype of data-loading-worker for CSV Uploader making the data upload much easier and quicker for ad-hoc analysis
 - Organized coding dojos: <https://github.com/jumarko/prodigy-coding-dojos>
- 2010–2011 **Programmer / Analyst - Java**, HOME CREDIT INTERNATIONAL, Brno, Czech Republic.
- Implemented modules for legacy web application based on Spring, Struts and myBatis/Oracle
 - Provided consultations for other programmers and code review for contractors.
- 2008–2009 **Java Programmer**, STUARE POST, Brno, Czech Republic.
- Implemented new and extended existing modules for Java GUI applications built on top of Swing and Firebird database
 - Designed and implemented a modification of existing application targeted for another country

Education

2009–2011 **Master degree in Information Systems**, *Masaryk's University*, Brno, .

– Brno, Czech Republic

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2005–2009 **Bachelor of Theoretical Informatics**, *Masaryk's University*, Brno, .

Projects

2011–2014 **want-something.com**, *eprovement.com*, free-time project.
Web application for matching suppliers with clients. Details in *Case Study*.

Programming skills

Principles

- Functional programming with immutable data structures.
- Clean Code advocate
- SOLID principles.

Clojure

- Playing with Clojure since 2014.
- Working professionally with Clojure/ClojureScript since 01/2017.
- Author of Curious (Clojure) Programmer blog.
- Author of various Clojure videos including Clojure Tip of the Day screencast

Java/JVM

- In-depth knowledge of Java platform and core libraries.
- Experience with both Java SE and EE including various frameworks, Spring in particular.
- Passion for non-Java JVM languages, especially Clojure.

Distributed Systems Designed and implemented various applications running in distributed environment.

Operating Systems Interested in Linux and Networking.

Databases Experience with relational databases (MySQL, PostgreSQL) and Mongo DB; interested in Datomic.

Other Technologies HTML/CSS/JavaScript, Bash, Git, CI tools.

Community and Open Source

- Blog: *Curious (Clojure) Programmer*
- GitHub: *jumarko* (personal account); *curiousprogrammer-net* (selected OS stuff)
- Meetups: Organizer of *FPBrno* and *Brno Clojure*

Interests

- Rock climbing
- Guitar
- Books

– Brno, Czech Republic

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