

Juraj Martinka

I like writing backend systems in Clojure.

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.
 - Cloud version running on AWS stack using Elastic Beanstalk and AWS Batch.
- 01/2017– **Clojure/ClojureScript developer**, FLEXIANA, remote, short-term work on various projects.
- 04/2017
- *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
 - Re-implemented legacy Perl Single Sign-On in Java making it faster to implement new SSO providers and easier for customers to integrate 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, .
- 2005–2009 **Bachelor of Theoretical Informatics**, *Masaryk's University*, Brno, .
– Brno, Czech Republic

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Projects

2011–2014 **want-something.com**, *eprovement.com*, free-time team project.
Java web application for matching suppliers with clients.

Programming skills

Principles

- Functional programming with immutable data
- Strong focus on the design process (keeping KISS, YAGNI and DRY in mind) and thorough understanding of the business problem
- Emphasis on code reviews and clean code
- Special interest in security and performance aspects of designed systems

Java/JVM

- In-depth knowledge of Java platform and core libraries.
- Passionate about JVM internals and performance tuning

Clojure

- Playing with Clojure since 2014
- Coding full-time in Clojure since 01/2017
- Author of the Curious (Clojure) Programmer blog
- Author of various Clojure videos including the Clojure Tip of the Day screencast

Distributed Systems Designed and implemented various applications running in distributed environment (mostly on AWS)

Operating Systems Interested in Linux and Networking.

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

Other Technologies HTML/CSS/JavaScript (non-expert), 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

- Books
- Rock climbing
- Guitar

– Brno, Czech Republic

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