

Juraj Martinka

I like building meaningful and impactful software products with inspiring people, preferably in Clojure.

Work

- 05/2017–now **Clojure developer, Cloud architect, Tech lead**, CODESCENE, remote.
- Working on code analysis tool to help SW development teams better understand their systems and identify and reduce technical debt.
 - Building, scaling, and monitoring Cloud infrastructure running on AWS (codescene.io).
 - A member of the "Tech Leads" team working on Architecture, Product collaboration, Testing strategies, and various ways to make our engineering organization more effective.
 - Leading the security team of engineers responsible for threat modeling, security scans, incident response, and other supporting processes to keep our products safe and secure and conform to CodeScene's ISO 27001 certification.
 - Built [CodeScene's customer portal](#) managing licenses for our on-premise customers.
 - Shipped [CodeScene on-premise product to AWS Marketplace](#).
 - Lead design and implementation of [CodeScene Cloud SSO login](#) (Microsoft Entra) including prototyping, customer demos, security reviews, feature rollout, and support.
- 01–04/2017 **Clojure developer**, FLEXIANA, remote, short-term work on a few different projects written in Clojure/Script.
- *Status.im*: a mobile Ethereum OS
 - *Disco Melee*: a social platform for gamers
 - *IS for VEIT Electronics*: web application integrated with legacy CRM
- 2015–2016 **Senior Java Developer - Data Platform for Hotels**, SNAPSHOT GMBH, Brno, Czech Republic.
- Developed Instagram integration based on Spring boot - clean separation into multiple services greatly decreased the number of bugs compared to legacy integration modules.
 - Contributed to code quality via code reviews and communication with contractors.
- 2011–2015 **(Senior) Software Engineer - Java**, GOODDATA, Brno, Czech Republic.
- Implemented core of our ETL framework for execution of user-defined ETL processes.
 - Re-implemented legacy SSO (written in Perl) in Java making it faster to implement new SSO providers and easier for customers to integrate their systems with us.
 - 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](#).
- 2010–2011 **Programmer / Analyst - Java**, HOME CREDIT INTERNATIONAL, Brno, Czech Republic.
- During my master's studies I worked full-time on retail banking (web) applications serving customers of the Home Credit group and built on top of Spring, Struts, and Oracle DB.
 - Mentoring and code reviews.
- 2008–2009 **Java Programmer**, STUARE POST, Brno, Czech Republic.
- Near the end of my bachelor's studies I worked (almost) full-time on Java GUI applications serving customers of Czech Post.
 - Localizing an existing application for another country (Slovakia).

Side Projects and Open-Source

- Blog: [Curious \(Clojure\) Programmer](#)
- GitHub: [jumarko](#) (personal account); [curiousprogrammer-net](#) (selected OS stuff)
- Meetups: Former organizer of [FPBrno](#) and [Brno Clojure](#)
- (2011–2014) [poptavka](#) - Java web application for matching suppliers with clients

Education

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

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

SW Engineering skills

Core

- Strong focus on the business problem and the design process.
- Communication, collaboration, code reviews.
- Functional programming with immutable data.
- Special interest in observability, performance, and security of designed systems.

Clojure/Java

- Coding full-time in Clojure since 2017; full-time Java programmer 2008-2016
- Interested in the JVM internals and performance tuning
- Author of the [Curious \(Clojure\) Programmer blog](#)
- Author of various Clojure videos including the [Clojure Tip of the Day screencast](#)

Infrastructure Using Terraform extensively as "infrastructure as code" and CloudFormation for customer-facing automation (AWS Marketplace)

Cloud Designed and implemented various applications running in AWS cloud.

Op. Systems Interested in Linux and Networking.

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

MISC HTML/CSS/JavaScript (non-expert), Bash, Git, CI tools.

Interests

- Family (2 kids)
- Books
- Rock climbing
- Guitar