

Richard Ludvig

CONTACT INFORMATION

Location: Brno, Czech Republic
Phone: 00 421 908 546 520
E-mail: richard@ludvig.sk
Twitter: @elrycco
Github: @Ryccoo
Web: <http://ludvig.sk>

EDUCATION

Masaryk University, Brno, Czech Republic
Master's degree (2015 - present), Faculty of Informatics,

- Specialization: Information Systems
- Expected graduation Jun 2018

Bachelors' degree (2012 - 2015), Faculty of Informatics,

- Specialization: Applied Informatics
- Thesis: Development of benchmarking suite for various Ruby implementations (*see below*)
- Graduation: June 2015 (with honours)

PROFESSIONAL EXPERIENCE

Oracle | NetSuite, Brno, Czech Republic
Senior Software Engineer [May 2017 - present]
Software Engineer [August 2016 - April 2017]
Team/project: SuiteAnalytics Core

- Business Intelligence for NetSuite ERP/CRM product
- Maintenance of current and development of new Search & Reporting bundle as a BI platform for other customer-facing product teams

Responsibilities:

- Development: Java, automated testing, OOP, SQL AST manipulation
- Analysis & Design: gather technical requirements from API consumers, compose user stories, cooperation with product managers infrastructure integration (Elasticsearch), extending and refactoring existing codebase, UI-facing API and platform API design
- Architecture & Reviews: participation on cross-team initiatives, communication with other teams involved in projects

Proof & Reason, Brno, Czech Republic

Developer [September 2013 - July 2016]

Responsibilities:

- Development: Ruby (on Rails) and Javascript
- Analysis and Design: problem specification, solution planning, algorithm and architecture design
- Infrastructure: VPS configuration, monitoring and maintenance
- Quality Assurance: automated testing

Achievements:

- Development and maintenance of internal time-tracking application for employees. Focused on invoicing, costs reporting and payroll. Automation of reporting and invoicing process resulting in faster workflow and less overhead.

- Development of custom e-commerce system, from checkout process to delivery of digital goods, development of CMS integrated with GIT
- Development of unique font rendering service allowing to render user text on fonts marketed by the seller without providing the font file.

OWN PROJECTS AND INTERESTS

Development of benchmarking suite for various Ruby implementations

- Focused on different compilers, optimization levels and different Ruby implementations.
- Tool for benchmarking automatization. Capable of running any provided benchmark against all defined Ruby configurations.
- Automated data processing
- Environment isolation using docker
- Published paper on FedCSIS conference (DOI: 10.15439/2015F99)
- Consists of:
 - Tool for benchmarking using docker
 - Presentation web written in Ruby (on Rails)

VOLUNTARY WORK

Czechitas, Czech Republic

- coaching at **Rails Girls** seminars.
- teaching Ruby on Rails at Masaryk University

SKILLS

Programming languages – Ruby, Javascript, SQL, Java, GO (basics), Mobile development – Android (basics)

Infrastructure and tooling - server management, software deployment, service monitoring (NewRelic, Rollbar), experience with MySQL, Oracle, Redis, NGINX, Docker (basics), Automated testing.

LANGUAGES

English fluent

German basic knowledge of the language

Czech fluent

Slovak native speaker

MISCELLANEOUS

- driving license category A,B
- loves playing with electronics and hardware (Arduino, Stellaris Launchpad, Raspberry)
- adores motorbikes and drones