

Denis Patin

CONTACT

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WORK EXPERIENCE

T-Systems RUS, St. Petersburg

Oct 2014 — Present

Senior Software Engineer

- **WiNA** (Dec 2016—Present): A system that stores operational network data on GSM, UMTS, etc. of T-Mobile Deutschland and the relevant data of network components. Stack: Oracle, PL/SQL, PHP → Java 8, Spring Boot, and Angular 4
 - Improving error handling inside PL/SQL scripts
 - Performing database optimizations
 - Developing a proof-of-concept prototype for the adjacent system due to its retirement
- **Centr@** (Jun 2016—Present): An internal API-only service that gathers data on T-Systems RUS employees from different sources (SAP, corporate Active Directory, T-Systems Navi, etc.), then processes and clears it out, and then provides flexible means for client systems to retrieve necessary data on demand. Stack: Ruby → Java, Ruby on Rails → Spring Boot, MySQL → Oracle, Python, shell.
 - Designing the architecture and workflows
 - Adding new features and improving the flexibility of the API
 - Support and problem solving
- **Rubicon** (Apr—Sep 2015, Jul—Oct 2016): A web GIS system for displaying Telekom-related warehouses, shops, and objects within Germany. Stack: JavaScript, ExtJS, GeoExt, OpenLayers, Ant.
 - Introduced the accessibility capability
 - Improved the ergonomics of the web GUI
- **ExTr@** (Jan 2016—Present): An internal system that enables managerial personnel to track overtime and (extra-)events of T-Systems RUS employees and then build reports and employment forecasts. Stack: Ruby, Ruby on Rails, CoffeeScript, Oracle, PL/SQL, Ruby, bash.
 - Elaborating and designing the architecture
 - Developing the application
- **KLS** (Oct 2015—Feb 2016): A system that stores necessary information on business object addresses and locations in order to enable client systems to unambiguously identify and verify business objects as well as correctly assign resources within all processes. Stack: Oracle, PL/SQL, Perl, ksh.
 - Generating reports including complex GIS related calculations
 - Introducing new features to the existing workflow
- **T-Systems Navi** (Oct 2014—Present): An internal navigation and administrative system. Stack: Ruby, Ruby on Rails, MySQL → Oracle, CoffeeScript.
 - Implementing new administrative workflows
 - Performing application and database optimizations

Peter the Great St.Petersburg
Polytechnic University

Nov 2016 — Jan 2017

Teacher

- Providing a course on web development with Ruby on Rails

Philological Research Institute

Apr 2015 — Nov 2015

Assistant Researcher

- Pursuing the research for the “Quantitative linguistic parameters for definition of stylistic features and domains of text” grant

T-Systems RUS, St. Petersburg Feb 2014 — Sep 2014

Software Engineer

- Developing the internal navigation system (Ruby on Rails, MySQL, CoffeeScript)

Odnoklassniki, St. Petersburg Jan 2014 — May 2014

Contracted Technical Writer

- Transcribing the Developer's Guide videos
- Laying out documentation (Adobe FrameMaker)

Systematica, St. Petersburg Sep 2013 — Feb 2014

Technical Writer

- Developing product documentation (Adobe FrameMaker)
- Translating documents, presentations, and booklets (English)
- Localizing the end-user web application

Nexenta Systems, St. Petersburg Oct 2011 — Feb 2013

Translator & In-Country Editor

- Technical writing (Adobe FrameMaker)
- Laying out documentation (Adobe FrameMaker, Adobe RoboHelp)
- Performing technical translations (Russian, Japanese, and German)
- l10n and i18n

SKILLS

Technologies:

- Ruby, Ruby on Rails, Sinatra
- Oracle, PL/SQL, MySQL
- Shell scripting
- Capistrano, Fabric
- Linux (Oracle Linux, Ubuntu)
- Git, SVN
- SWI-Prolog/YAP Prolog
- CoffeeScript, JavaScript (and new to Angular 4 and ReactJS)
- HTML5/CSS3, Sass/Stylus, Bootstrap
- Crystal, and a bit of Go and Elixir

Applications:

- RubyMine, DataGrip, WebStorm
- SDL Trados, Adobe FrameMaker, RoboHelp
- Vagrant, Virtual Box

Foreign languages proficiency:

- Russian (native)
- English (fluent)
- German (intermediate)
- Hungarian (pre-intermediate)
- Japanese (pre-intermediate)

EDUCATION

Knowledge Engineering

Sep 2013 — Jun 2015

St. Petersburg State University

MSc in Applied Informatics.

Department of Information Systems in the Arts and Humanities.

Computer Engineering

Sep 2009 — Jun 2013

ITMO University, St. Petersburg

BSc in Computer Science and Engineering.

Department of Computer Technology and Information Systems.

Secondary school with advanced study of English language.

CERTIFICATES

- 日本語能力試験4N (international Japanese exam, 2010)
- KER Ekzameno (international Esperanto exam, 2012)

PUBLICATIONS

- Rosca, S., Patin, D. “WebStorm Essentials“. Birmingham: Packt Publishing, 2015. ISBN 9781785286957. Website: <http://tinyurl.com/webstorm-essentials>
- Patin, D., Chernorechenski, A. “Stikh Ne Stikh“. Moscow: Renome, Apr 2015. ISBN 9785919185642. Print.

INTERESTS

- Computational linguistics, Linguistic typology, Finno-Ugric & Turkic languages
- Technical writing, Technical translations
- Teaching, Tutoring