

# Denis Patin

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## CONTACT

St. Petersburg

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## WORK EXPERIENCE

Deutsche Telekom IT Solutions,  
St. Petersburg

Oct 2014 — Present

Senior Software Engineer

**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.), processes and clears it out, and then provides flexible means for client systems to retrieve necessary data on demand.

Responsibilities:

- Designing the architecture and the overall workflow
- Adding new features and improving the flexibility of the API
- Developing the sub-tools for gathering and processing the data

Stack:

- Ruby 2.5, Crystal 0.26, Python 3, bash; API-only Ruby on Rails 5.1
- MySQL
- LDAP; Vagrant, Capistrano

**T-Systems Navi** (Oct 2014—Present)

An internal navigation and administrative system.

Responsibilities:

- Designing and developing the application
- Introducing new administrative workflows
- Maintaining the application

Stack:

- Ruby 2.1, Ruby on Rails 3.2; CoffeeScript, Bootstrap
- MySQL

**Wirknetzabbildung** (Dec 2016—Present)

An inventory system for operational data on GSM, GPRS, UMTS, and LTE networks of T-Mobile Germany and relevant data of network components.

Responsibilities:

- Developing a replacement for the service management system (mostly PL/SQL part)
- Tech leading a team of two members
- Automating the development workflow
- Fulfilled assignments regarding PL/SQL scripts

Stack:

- Oracle 12c, PL/SQL
- Java 11, Spring Boot 2, Tomcat; Angular 8; Gradle, Liquibase; Watir (Selenium)

**Rubicon** (Apr—Sep 2015, Jul—Oct 2016)

A web GIS system for displaying Telekom-related warehouses, shops, and objects within Germany.

Responsibilities:

- Introduced the accessibility capability and improved the ergonomics of the web GUI

Stack:

- JavaScript; ExtJS, GeoExt, OpenLayers; Ant

**KIO-Lokalitätsserver** (Oct 2015—Feb 2016)

A system that stores information on Telekom's 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.

## Responsibilities:

- Built the auto-generation of reports including complex GIS related calculations
- Introduced new features to the existing workflow

## Stack:

- PL/SQL; Solaris, ksh; Perl

**ExTr@** (Jan 2016—Nov 2017)

An internal system that enables managerial personnel to track overtime and extra-events of T-Systems RUS employees and then build reports for employment forecasts.

## Responsibilities:

- Designed and developed the application
- Leded the team of four members

## Stack:

- Ruby 2.4, Ruby on Rails 5; CoffeeScript, Handsontable; Oracle 12c, PL/SQL; Vagrant, Capistrano

**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 &amp; 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 (2.0—2.6), Ruby on Rails (3.2—5.2), Sinatra
- Crystal, Python 3, Go, a bit of Elixir
- Oracle 12c, PL/SQL, MySQL
- Shell scripting
- Capistrano, Fabric
- Linux (Oracle Linux / CentOS, Ubuntu)
- Git, SVN
- CoffeeScript, JavaScript, a bit of Angular 7 and ReactJS
- HTML5/CSS3, Sass/Stylus, Bootstrap

### 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.

### English language

Sep 1999 — May 2009

English Language School

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