

# Den Patin

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## CONTACT

St. Petersburg

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## WORK EXPERIENCE

Deutsche Telekom IT Solutions

Feb 2014 — Present

Sr Software Engineer

**WiNA (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:

- Designing replacement systems/modules for the main application
- Tech leading a team of two members
- Setting up and automating the development workflow
- Fulfilling assignments in the Oracle / PL/SQL area

Stack:

- Oracle 12c, PL/SQL
- Java 11, Spring Boot 2, Tomcat; Angular 8; Gradle, Liquibase; Watir, Cypress
- Git, SVN; Jira, Confluence

**CenTr@** (Jun 2016—Present)

An internal API-only service that gathers data on Russian employees from different sources (SAP reports, 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 sub-tools for gathering and processing the data

Stack:

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

**T-Systems Navi** (Oct 2014—Sep 2019)

An internal navigation and administrative system.

Responsibilities:

- Designed and developed the application
- Introduced new administrative workflows
- Maintained the application

Stack:

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

**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

**KLS (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:

- Oracle 12c, PL/SQL
- Solaris, ksh; Perl

**T-Systems 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

**Other projects:**

- **Checkup** — Internal tool for signing up for yearly medical checkups (Ruby 2.5, Cuba, Postgresql, Vue 2.6)
- **T-Feedback** — [MVP] Company-wide tool for collecting feedbacks on employees (Ruby 2.7, Ruby on Rails 6, React 16.3, Postgresql, Docker)
- **T-Lib** — Internal corporate library (Ruby 2.5, Ruby on Rails 5, Postgresql)

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

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 (2.0—2.7), Ruby on Rails (3.2—6.0), Sinatra, Cuba, dry-rb
- Crystal, Python 3, a bit of Go and Elixir
- Oracle 12c, PL/SQL, PostgreSQL, MySQL
- Shell scripting
- Capistrano, Fabric
- Linux (Oracle Linux / CentOS, Ubuntu)
- Git, SVN
- CoffeeScript, JavaScript, a bit of Angular 8 and ReactJS
- HTML5/CSS3, Sass/Stylus, Bootstrap, Materialize, TailwindCSS

### Applications:

- DataGrip, RubyMine, Visual Studio Code
- SDL Trados, Adobe FrameMaker, RoboHelp
- Vagrant, Virtual Box, Docker

### Foreign languages proficiency:

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

## EDUCATION

### Humanitarian Engineering

Sep 2013 — Jun 2015

St. Petersburg State University

MSc in Applied Informatics in Arts and Humanities

### Computer Engineering

Sep 2009 — Jun 2013

ITMO University, St. Petersburg

BSc in Informatics and Computer Science

### 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