



Dmitri Titov

IT consultant / software developer

MSc Diploma in Mathematics

key skills:

web frontend:

[React.js](#), [Next.js](#), [Typescript](#) / [JavaScript](#),
D3.js, OpenID Connect,
Material-UI, HTML/CSS/SASS/Tailwind

backend:

[Node.js](#), Java, Hasura, Contentful, Redis

desktop: Electron.js

residence: Implersstr. 90, DE-81371, München

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Date / Place of Birth	1972 (Minsk, Republic of Belarus)
Citizenship:	German (since 2009)
Experience in IT:	since 1995
Education:	University Diploma in Mathematics (Moscow Lomonosov University, Faculty of Mathematics and Theoretical Mechanics)
Languages:	English (fluent), German (fluent), Russian (native speaker), French (good), Spanisch (beginner)
Seeking position:	Frontend Web Developer Fullstack Developer (with Node.js as backend) Electron.js Developer
Programming languages and frameworks:	Web-Frontend: Typescript , Javascript Javascript frameworks: React.js , Angular , Ionic , jQuery Backend: Node.js , Java Javascript + Express.js + MongoDB Build pipelines: Webpack , Gulp, Angular CLI, Grunt.js Unit tests: Jasmine.js End-to-end tests: Angular Protractor , Selenium Layout Coding: HTML5 , CSS3 , SVG, Material-UI , Bootstrap, Ionic Backend: Python + Django + PostgreSQL Functional Languages: solved 26 problems at https://projecteuler.net using Haskell Browser Automation: Python / Selenium iPhone Automation: Python / Appium (Appium Info: http://appium.io) System administration: Python , Perl, C#/.NET Database languages: SQL ; Google Query Language for Google DataStore

Databases:	MongoDB , PostgreSQL, MySQL, Redis, sqlite
Other IT skills:	OS: MacOS , Windows, Linux, Android Algorithms , Type Theory, Functional Programming, Category Theory SCM: git , github/gitlab, svn, Perforce IDEs: IntelliJ Webstorm , Sublime Text
Other skills:	linear algebra, geometry, cryptography graphic editors: Adobe Photoshop, gimp

Projects and positions

8.8.2022 – 30.11.2022
(almost 4 months, two prolongations)

Freelance web developer

at **secunet Security Networks AG**
<https://www.secunet.com>

mediated by **Etengo AG**
<https://www.etengo.de>

100% remote work

Branch:

- Security infrastructure
- Network hardware

Area of responsibility:

- Developing of Medical Connect React Application

IT environment:

- **React, Material-UI , node.js**
- Typescript/Javascript
- HTML/CSS/SCSS
- Docker

18.10.2021 – 30.04.2022
(6+ Monate, prolongation
in January)

Freelance web developer

at **SODEFA GmbH**

<https://www.sodefa.de>

100% remote work

Branch:

- Website development agency

Area of responsibility:

- Developing of Next.js-based website
accentro.de

IT environment:

- **Next.js/React, Hasura, Contentful,**
- Typescript, GraphQL
- HTML/CSS/SCSS, Tailwind, Twin-Macro

22.12.2020 – 31.05.2021
(5+ months)

Freelance web developer

at **axxessio GmbH** project

<https://www.axxessio.com>

mediated by **friendsjob GmbH**

<https://www.friendsjob.de>

100% remote work

Branch:

- city infrastructure
- energy management

Area of responsibility:

- developing React application
"Energy Monitor"

IT environment:

- **ReactJS**
- **D3.js**
- **OpenID Connect/Keycloak**
- Javascript
- HTML/CSS

1.03.2020 - 31.08.2020
(6 months)

Freelance web developer

at **secunet Security Networks AG** project
<https://www.secunet.com>

mediated by **Etengo AG**
<https://www.etengo.de>

100% remote work

Branch:

- security infrastructure
- network devices

Area of responsibility:

- developing GWT/Java application
„Secunet Monitor“

IT environment:

- **GWT (Google Web Toolkit)**
- Java, Maven
- HTML/CSS

15.03.2019 – 30.11.2019
(8.5 months)

Freelance web developer

at **secunet Security Networks AG** project
<https://www.secunet.com>

mediated by **Etengo AG**
<https://www.etengo.de>

100% remote work

Branch:

- security infrastructure
- medical devices

Area of responsibility:

- developing Electron/ReactJS application
„SignatureProxy“

IT environment:

- **ReactJS/ElectronJS**
- Javascript/Typescript
- HTML/CSS

2.11.2017 – 31.06.2018 Freelance web developer

contract prolongation:
1.07.2018 - 15.10.2018 at **Swiss Cloud** project (HIAG Data AG, Switzerland)
<https://hiagdata.com/>

(almost 1 year, in total) mediated by
arcworx GmbH & Co. KG
<http://www.arcworx.biz>
and **ComputerFutures**
<https://www.computerfutures.com>

100% remote work

Branch:

- cloud computing

Area of responsibility:

- developing Angular application
„Swiss Cloud Portal“

IT environment:

- **Angular 5**
- **Typescript**
- Unit-Testing with Jasmine.js
- end-2-end testing with Selenium / Protractor
- git / gitlab workflow, JetBrains WebStorm

21.08.2017 – 31.10.2017 Freelance web developer
(approx. 2 months)

at **MCL** Computer & Zubehör GmbH
<https://mcl.de>

mediated by **ComputerFutures**
<https://www.computerfutures.com>

100% remote work

Branch:

- E-commerce

Area of responsibility:

- developing of unit- und end-2-end- tests for
several Angular applications

IT environment:

- **Angular 4**
- **Typescript**
- Unit-Testing mit Jasmine.js
- end-2-end Testing mit Selenium / Protractor

17.10.2016 – 31.05.2017 Freelance web developer
(6.5 months)

at **Siemens** project (Switzerland, canton Zug),
www.siemens.com

mediated by **GULP Schweiz AG**
www.gulp.ch

Branch:

- Electrical equipment, software development

Area of responsibility:

- Developing of **ABT-BIM** web application (GUI for electrical hub configuration tool)

IT environment:

- **Angular 2**
- **Typescript**
- HTML / CSS / SASS
- Unit-Testing with Jasmine.js
- end-2-end Testing with Selenium / Protractor
- gulp, git workflow, webpack, JetBrains WebStorm

8.08.2016 – 30.09.2016 Freelance web developer
(approx. 2 months)

at **E.ON** Projekt,
www.eon.de

mediated by Interone GmbH
www.interone.de

Branch:

- energy, software development

Area of responsibility:

- developin of **E.ON Aura Manager** web application (remote control for solar panels)

IT environment:

- **Angular** 1.5, Ionic
- **Javascript**
- HTML / CSS / SASS
- Agile / Scrum

14.07.2015 – 31.07.2016 Freelance web developer
(1 year)

at **Daimler** project
www.daimler.com

mediated by Interone IT-Designers GmbH
www.it-designers-gruppe.de

Branch:

- Automotive, Software development
- IT-Designers GmbH is Daimler's partner for software development

Area of responsibility:

- Developing of **Mercedes Benz** „remote control“ web application (Mercedes-Benz CONNECT)
- complicated **Angular/Ionic** web application
- 100 000+ lines-of-code (JS/HTML/CSS)
- 4500+ Unit Tests
- responsive and optimized for mobiles devices

IT environment:

- **Angular** 1.3-1.5, **Ionic** 1.2
- **Angular 2 (Pilot-Projekt)**
- **Javascript** (ES6), Typescript
- HTML / CSS / SASS
- Unit-Testing with Jasmine.js
- end-2-end Testing with Selenium / Protractor
- Grunt.js, git workflow, webpack, WebStorm-IDE
- Agile / Scrum

06.2013 – 13.07.2015
(approx. 2 years)

Web Solutions Engineer

permanently employed at
Vision11 GmbH (partner of Audi)
www.visioneleven.com

Branch:

- SAP CRM Beratung, Automated Testing
- Vision11 is a strategic partner of Audi for SAP CRM and application testing

Area of responsibility:

- Design and implementation of web applications using Django Framework, Selenium and Google AppEngine.
- Selenium API was used to perform automated functional testing of <http://my.audi.com>. The internal name of this application was Turbotest. It was created from ground up by me using Python

and Javascript programming languages and Django web framework.

- HTML layout and system administration tasks belonged exclusively to my responsibility.
- Design and implementation of automated testing tool for myAudi iPhone application (using Appium API). A set of use cases was coded by me emulating most of user interaction with myAudi app developed by Audi for its customers.

IT environment:

Python, Javascript, Selenium, Appium, HTML5, CSS, Django, PostgreSQL, sqlite, MacOS, Linux

08.2012 – 01.02.2013
(5 months)

(In parallel to work
at Crytek GmbH)

Freelance web developer

at **ADAC e.V.** project
www.adac.de

100% remote work

Branch:

- Germany's biggest Automobile club

Area of responsibility:

- Design and implementation of „ADAC Disposim“ Online Simulator, a web application to improve selection process when hiring persons aspiring to be ADAC dispatchers. Application simulates challenges of real-life dispatchers' work of assigning repair cars to accidents. Project was successfully completed in due time.

IT environment:

Java, Play! Framework, Javascript/HTML5/CSS, MySQL, Tomcat, jQuery, SVG, Canvas, Python, Inkscape, Eclipse, PDF Generation.

04.2008 – 05.2013
(5 years)

Build Engineer

permanently employed at **Crytek GmbH**
www.crytek.de

Branch:

- Videogames, 3D engines, iOS games

Area of responsibility:

- Design and implementation of Crytek's proprietary build system (C#, .NET). Support of Crytek's legacy build system (Perl).
- New features implementation for Shader Cache build system (Perl).
- Support and new features for Confluence Documentation Export Tool (Perl);
- Design, implementation and support of Test and Telemetry Systems (Perl, Python); design, implementation and support of Server Availability Monitor (Java)
- Implementation of Release Notes Consolidator Tools (Python + Pmw GUI Framework)

IT environment:

Windows, MacOS, C#/.NET, Python, Perl
Senior System Engineer

10.2000 – 01.2007
(7 years)

permanently employed at **Braun GmbH**
www.braun.de

Branch:

- consumer goods

Area of responsibility:

- Member of Gillette's Global Messaging Team. Support of email servers for its Germany-based Braun branch and for Gillette's main office in USA (very large system, approx. 30,000 users)
- Database administration, support of messaging infrastructure
- Development of user registration tool in C/C++ (Lotus Notes C API)
- Development of Mailbox Size Monitors in Lotus Script.
- Development of Spam Reporting und Analysis Tools in Lotus Script
- Support of Migration from Lotus Notes to Microsoft Exchange

IT environment:

Windows, XP, 2000, IBM Lotus Notes/Domino, Lotus Script, C/C++

02.1999 – 10.2000
(approx. 2 years)

Software Engineer

permanently employed at **IBA** Joint Venture
(Minsk, Republic of Belarus)

www.iba.by

IBA is a subsidiary of **IBM Deutschland**

www.ibm.de

Branch:

- IT consulting

Area of responsibility:

- design of IBM Lotus Domino application SCIS
(Supply Chain Information System)

IT environment:

Windows 2000, IBM Lotus Notes/Domino,
LotusScript, C/C++, IBM DB2, IBM WebSphere

04.1997 - 01.1999
(approx. 2 years)

Financial Analyst

permanently employed at

National Bank of Republic of Belarus
(Minsk, Belarus)

www.nbrb.by

Branch:

- banking, government regulators

Area of responsibility:

- Support of "Liquidity Analysis Systems" in the
department of Monetary Policy

IT environment:

Windows 95, Visual Basic, MS-Office Macros, (Word,
Excel, Access), Foxpro Database

03.1996 – 04.1997
(approx. 1 year)

Financial Analyst

permanently employed at **Vneshekonombank**
(Minsk, Belarus)

www.bveb.by

Branch:

- commercial banking

Area of responsibility:

- developing of new financial services for the
market of Republic of Belarus

IT environment:

Windows 95, Visual Basic, MS-Office Macros

10.1995 – 03.1996
(6 months)

Financial Analyst

permanently employed at **Priorbank**
(Minsk, Belarus)

www.priorbank.by

Branch:

- commercial banking

Area of responsibility:

- developing of Excel macros in Visual Basic

IT environment:

Visual Basic, MS-Office Macros (Word, Excel)

Education

10.1995 –12.1998
(3 years)

Remote study of **finances and banking**
(graduated with diploma) at Business School in
Minsk, Belarus

www.bseu.by

10.1989 – 9.1995
(6 years)

Study of **Mathematics**
(graduated with **MSc Diploma**)

at Moscow Lomonosov University
(MSU, Moscow State University)

faculty: Geometry and Topology

www.msu.ru/en

Diploma work:

"Pseudocontractability of topological spaces"

Diploma grade: 1.3 (adjusted to European system)

General grade: 1.5 (adjusted to European system)

06.1988 – 06.1989
(1 year)

Mathematical College for **gifted students**

www.pms.ru

at Moscow Lomonosov University

(Moscow, Russian Federation)

www.msu.ru/en

High School Graduation

grade: 1.2 (adjusted to European system)

09.1979 – 06.1988

Secondary School in Minsk, Belarus