

# Workflow and projects description

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## PERSONAL PROJECTS

I can't show the projects I worked on: some of them are desktop applications, some of them was closed, or intranet projects. But in my spare time I develop my own projects. I have an active account on GitHub but I don't waste my time on small nobody interested experiments.

### WebDynamics

<http://sd.blackball.lv/>

Software development blog. Articles, books, videos, content management.

.NET Framework, C#, IIS, SQL Server, Dapper, HTML5, JavaScript, jQuery, JSON, Web API, video processing using ffmpeg, Continuous Delivery, my own Content Management System named *BlackNightCMS*.

### Blackball

<http://blackball.lv/>

Huge entertainment portal: music, cinema, games, videos, articles, books, software, forum, humor, pictures and many more. In the same time also an experimental platform for studying new, different developments and practical applications. Social network, content management.

*In the 2021 I plan to port the project to .NET 5.*

.NET Framework, C#, IIS, SQL Server, Dapper, HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, XML, SignalR, Windows services, Web API, JWT, asynchronous programming, unit tests, mobile version, RSS, Single Page Application, Continuous Delivery, self-service infrastructure, video processing using ffmpeg, geolocation, custom logging, JSON-LD, OpenGraph, my own Content Management System named *BlackNightCMS*.

### Amerikas Auto

<http://amerikasauto.lv/>

Car service and spare parts for all USA and European car models, Customer Relationship Management.

.NET Framework, C#, IIS, SQL Server, Dapper, HTML5, JavaScript, jQuery, JSON, unit tests, mobile version, Continuous Delivery, my own Content Management System named *BlackNightCMS*.

### Transport Certification Center

<http://autosc.lv/>

Transport registration and certification services in Latvia, Customer Relationship Management.

.NET Framework, C#, IIS, SQL Server, Dapper, HTML5, JavaScript, jQuery, JSON, Continuous Delivery, my own Content Management System named *BlackNightCMS*.

### Mail Daemon

<http://sd.blackball.lv/job/tests/MailDaemon/readme.html>

Console application. Small utility to send batch emails. Fully customizable JSON configuration.

.NET Framework, C#, JSON.

## PROJECTS

### Jean Edwards Consulting

**Project:** insurance software development – Emergency Management System.

**Technologies:** Windows Forms, Infragistics Windows Forms, VB.NET, C#, ADO.NET, SQL Server, Git, Azure.

**Methodology:** Agile/Scrum.

**Team:** distributed. Members (4): [Riga team] me; [Switzerland] Project Manager; [India] 2 QA members.

**My role:** Senior .NET developer.

**Key responsibilities:** tasks implementation, legacy project support, explain QA members how to test.

**Communication:** daily meetings using Skype and WebEx.

### OnTarget Labs, Inc.

**Project:** insurance software development for USA company RegEx.

**Technologies:** ASP.NET MVC, Telerik Kendo UI, C#, Bootstrap, Oracle, Git, Azure.

**Methodology:** Agile/Scrum.

**Team:** distributed. Members: [Riga office] me, .NET developer; [Russia] Project Manager, 2 QA members.

**My role:** senior .NET developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily meetings using Skype and GoToMeeting.

All developers work on very slow virtual machines (connect from Riga to USA via Remote Desktop Connection). My virtual machine preparing during 1 month. All VMs works very slowly (to navigate page for current task can take 5-15 minutes, solution build time can take 10-15 minutes). Any code changes was strongly restricted – we are used own huge framework. All changes on the page only via executing Oracle SQL scripts.

### Exigen Services (since September 2018 - emergn)

**Project:** tax and informative declaration system (Electronic Declaration System, Latvian *Valsts Ieņēmumu Dienests*).

**Technologies:** ASP.NET MVC, C#, Oracle, TFS.

**Methodology:** Agile/Scrum.

**Team:** Riga local team. Members: 3 .NET developers, Business Analyst, Oracle DBA, Project Manager, 2 QA.

**My role:** senior .NET developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily meetings using Slack.

### Atea Global Services

**Project:** legacy project to automate IT department workflow.

**Technologies:** ASP.NET Web Forms, C#, MS SQL Server, ADO.NET, TFS.

**Methodology:** Agile/Scrum.

**Team:** Riga local team. Members (3): 3 .NET developers, Business Analyst, Oracle DBA, Project Manager, 2 QA.

**My role:** senior .NET developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily Scrum meetings.

## SIA ITIS

**Project:** payday loans websites and services.

**Technologies:** ASP.NET MVC, C#, Oracle, TFS.

**Methodology:** Waterfall.

**Team:** Riga local team. Members: me, Project Manager, 2 QA members.

**My role:** developer.

**Key responsibilities:** ASP.NET web projects development.

**Communication:** Skype.

**Achievements:**

1) **Affiliates module with utm\_ markers.**

2) **Chats integration.**

3) **CreditInfo integration.**

Integrate <https://creditinfo.com/> WCF web service to process client's credit history.

## Assecor GmbH

**Project:** internal website to automate IT-department workflows.

**Technologies:** PHP, CodeIgniter, Bootstrap, PostgreSQL, PowerShell, Active Directory, Windows Server 2012.

**Methodology:** Waterfall.

**Team:** distributed. Members: [Riga team] me; [Berlin] Project Manager.

**My role:** Software Engineer.

**Key responsibilities:** full development cycle.

**Communication:** daily meetings using Skype.

As .NET developer by customer's request I was assigned as PHP developer to the new project. After my contract with Assecor was finished (1 year), I did not want to renew my contract. The reason: don't want «die» as .NET developer working with next PHP project.

Project documentation written by me - [http://sd.blackball.lv/job/documents/MDC\\_Documentation.pdf](http://sd.blackball.lv/job/documents/MDC_Documentation.pdf)

## RGM Distribution

**Project:**

**Methodology:** Agile/Scrum.

**Team:** Members (11): [Riga team]: 3 .NET developers, web-master, tester, 6 Data Entry; [USA] Project Manager.

**My role:** senior developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily meetings using Skype. This nice daughter company of <https://www.decorplanet.com/> was closed due to a funding problem and very critical financial issues. (After 2 months company was partly restored).

## Soft-FX

Forex software development.

**Project 1:** Forex accounts registration.

**Methodology:** Agile/Scrum.

**Team:** only me.

**My role:** senior developer.

**Key responsibilities:**

**Communication:** daily meetings using Slack.

Sergey Drozdov: appendix to the CV

<http://sd.blackball.lv/cv/>

<http://sd.blackball.lv/job/documents/>

**Project 2:** Forex accounts registration.

**Methodology:** Agile/Scrum.

**Team:** only me.

**My role:** senior developer.

**Key responsibilities:**

**Communication:** daily meetings using Slack.

**Achievements:** NSIS.

## Diatom Enterprises

**Project 1:**

**Methodology:** Agile/Scrum.

**Team:** members (6): [Riga team]: 3 .NET developers; [Ukraine]: 3 .NET developers.

**My role:** developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily meetings using Skype. Small IT outsourcing company. After 7 months after decrease in the amount of work I was moved to the company's internal projects. Then I found out what else 7 developers was moved to internal objects. No external projects – no money for the company. I did not want waiting fire me due funding problem.

Salary scheme also is a problem - only a self-employed person.

I know that most of key level developers also recently leave Diatom.

## Accenture Latvia

**Project:**

**Methodology:** Agile/Scrum.

**Team:** Riga local team. Members: me, Project Manager, 2 QA members.

**My role:** developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily meetings using Slack. International IT outsourcing company. I worked 3 years in the .NET community in the various projects as .NET developer and during this time a count of the .NET projects was reduced to 1 - Finnish Immigration Service. No projects – this is not good for the company. Me and 3 developers was moved to this project helpdesk team. The idea was to move helpdesk team from Finland to Riga office. My responsibilities: users support - to track requests and fix some bugs or transfer to Riga development team. I don't like this activity as ".NET developer" and salary was low (company policy: several complex levels). I wanted to change my life to the better way.

## Hospital Organizer AS

**Project:** software suite for hospitals. 6 projects: Windows Forms, ASP.NET.

**Methodology:** Waterfall.

**Team (3):** me, .NET developer, Product Owner.

**My role:** developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily meetings using Slack. Software product with 6 projects (web, desktop) for hospitals after 3 years was successfully finished. No more developers needed, not enough work.

<http://sd.blackball.lv/job-change>