

Workflow and projects description

MY PERSONAL PROJECTS

I can't show the commercial business 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 pet projects. I have an active account on GitHub but I don't waste my time on small nobody interested experiments.

<https://github.com/sergdrozdo>

WebDynamics

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

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

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

Blackball

<https://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

<https://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

<https://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

<https://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, C#, VB.NET, MS SQL Server, ADO.NET, Infragistics Windows Forms, 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.

MBIT

Project: staff working time planning system for a network of building stores.

Technologies: ASP.NET MVC, C#, MS SQL, Entity Framework, MS Dynamics, HTML5, CSS3, Bootstrap, Angular, TypeScript, Git.

Methodology: Agile/Scrum.

Team: Members (2): me; Project Manager.

My role: Senior Full-Stack .NET developer.

Key responsibilities: tasks implementation, new functionality, new modules development, localization, testing, bug fixes.

Communication: daily meetings using WhatsApp and Skype.

OnTarget Labs, Inc.

Project: insurance software development for USA company RegEx.

Technologies: ASP.NET Web Forms + MVC, Telerik Kendo UI, C#, Bootstrap, jQuery, Oracle, Git, Azure.

Methodology: Agile/Scrum.

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

My role: .NET developer.

Key responsibilities: tasks implementation, new pages development, bugs fixes.

Communication: daily meetings using Skype and GoToMeeting.

Exigen Services (since September 2018 - emergn)

Project: tax and informative declaration system (Electronic Declaration System, Latvian State Revenue Service).

Technologies: ASP.NET MVC, C#, Oracle, Entity Framework, HTML5, CSS3, Bootstrap, jQuery, TFS.

Methodology: Agile/Scrum.

Team: Riga local team. Members (total 7): 3 .NET developers, Business Analyst, Oracle DBA, Project Manager, 2 QA.

My role: senior .NET developer.

Key responsibilities: project development, tasks implementation, bugs fixes.

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, Azure.

Methodology: Agile/Scrum.

Team: me, Project Manager.

My role: senior .NET developer.

Key responsibilities: database and project architecture development, system administration, tasks implementation, bugs fixes.

Communication: daily Scrum meetings.

SIA ITIS

Project: payday loans websites and services.

Technologies: ASP.NET MVC, C#, MS SQL, ADO.NET, WCF, SignalR, HTML5, CSS3, jQuery, Git.

Methodology: Agile/Scrum.

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

My role: developer.

Key responsibilities: ASP.NET web projects development, database and projects architecture development; creating email templates, localization, tasks implementation, bugs fixes.

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: .NET, ASP.NET, WPF PHP, CodeIgniter, HTML5, CSS3, Bootstrap, jQuery, TFS, Azure, PostgreSQL, PowerShell, Active Directory, Windows Server 2012.

Methodology: Agile/Scrum.

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

My role: Software Engineer.

Key responsibilities: full development cycle, database and project architecture development, system administration, tasks implementation, bugs fixes.

Communication: daily meetings using Skype.

RGM Distribution

Project: plumber Internet shops.

Technologies: ASP.NET MVC, C#, VB.NET, SQL Server, ADO.NET, MS Dynamics, HTML5, CSS3, Bootstrap, jQuery, TFS, Scrum.

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: database and projects development, creating email templates, tasks implementation, bugs fixes.

Communication: daily meetings using Skype.

Soft-FX

Forex software development.

Project 1: Forex accounts registration.

Technologies: ASP.NET MVC, C#, MS SQL, Azure.

Methodology: Agile/Scrum.

Team: only me.

My role: .NET developer.

Key responsibilities: create and support project, bugs fixes.

Communication: daily meetings using Slack.

Project 2: Forex accounts management.

Technologies: WPF, WCF, SQL Server, Entity Framework, MongoDB, Infragistics WPF, Nullsoft Scriptable Install System (NSIS), MetaTrader 4, Azure, TeamCity, Jira, Confluence.

Methodology: Agile/Scrum.

Team (9): me, .NET developers, Project Manager.

My role: .NET developer.

Key responsibilities: project development, tasks implementation, bugs fixes.

Communication: daily meetings using Skype.

Achievements: NSIS installer integration.

Diatom Enterprises

Project 1: Software for Swedish company Begoma.

Technologies: ASP.NET MVC, Windows Forms, SQL Server, Entity Framework, Telerik UI for WinForms, Unit Testing, Jira, TFS.

Methodology: Agile/Scrum.

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

My role: .NET developer.

Key responsibilities: database and project development, tasks implementation, bugs fixes.

Communication: daily meetings using Skype.

Accenture Latvia

Project: cdede

Technologies: dede

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 Skype.

Hospital Organizer AS

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

Technologies: ASP.NET Web Forms, Windows Forms, SQL Server, DevExpress .NET Application Framework, JavaScript, Active Directory, TFS.

Methodology: Waterfall.

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

My role: architect, .NET developer.

Key responsibilities: database and projects architecture development, system administration, tasks implementation, bugs fixes.

Communication: in the office.

Intechnic Europe

Project: outsource websites development for USA customers.

Technologies: PHP, MySQL, internal PHP framework.

Methodology: Agile/Scrum.

Team (9): me, 7 PHP developers, Project Manager.

My role: PHP developer.

Key responsibilities: tasks implementation, bugs fixes.

Communication: daily meetings using Skype.