



Birth date: 10.04.1962

Gender: Male

Citizenship: Ukraine

I live in: Bourgas/Bulgaria

I may accept relocation offers for:  
Other cities in Bulgaria,  
Other countries

## Contacts

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🌐 <https://www.vb-net.com/>

## Languages

Native language: Ukrainian

Languages: Russian (Fluent), English (Fluent), Bulgarian (Intermediate)

... see more in the Languages section

## Skills

Skills: [1] Programmer Keywords (.NET stack): Net Core, VB.NET, Visual Basic (C#), .NET, ASP.NET (any existing implementation, ...

... see more in the Skills section

# Viacheslav Eremin

## Work Experience

JULY 2024 - AUGUST 2024

### Various freelance projects, Android Java apps and other

I made a couple of Android apps on Java, one of them (simplest) I have published to Github - <https://github.com/Alex1998100/Android-Java-apps-for-self-Testing/>  
Also in this time I made small proxy server in Cloudflare to protect Supabase - <https://www.vb-net.com/CloudflareProxy/Index.htm> and other small task in Node.JS environment like adding mail notification to Nest.JS project.  
Also I made a couple of simple Windows Desktop application - <https://www.vb-net.com/SimpleWindowsDesktopApp/Index.htm>

JANUARY 2024 - JUNE 2024

### Full stack developer in various projects: apps for Android Phone, Telegram bots, HTML games, gambling engine backend, Electron video player. On Angular/Typescript for server and frontend, with Google Cloud, Cloudflare, Amazon, Supabase.

I made various project from ASP (that's core of project <https://github.com/Alex-1347/AccessCsvUploader>) to various project in Typescript/Angular/Javascript, for example this is my backend gambling engine based on Google Cloud - <https://www.vb-net.com/TicketLotteryEngine/Index.htm>  
This is example of my Serverless Telegram bot based on Cloudflare - <https://t.me/justrelax10bot> and example of my Javascript games.  
Also I start (just for fun, for himself) a number of application for Android Phone.

JUNE 2023 - JANUARY 2024

### Full Stack .NET developer on various freelancer projects (lidget.co.uk and other)

GB and whole world

My typical freelance project is modification site like <https://www.lidget.co.uk/>, this is trivial ASP.NET project with DevExpress controls, this project contains Project has 64,000 code lines on 701 files, and about 1000 buttons and 7000 lines of embedded core. See more details description on - <https://www.vb-net.com/Freelance2023/Index.htm#Lidget>

Some other project I made with Kafka message bus, this is project with NDA, therefore I have no description or screens on my blog, you can see only multiThreading performance test of Kafka message bus on the same page - <https://www.vb-net.com/KafkaPerformance/Index.htm>

A couple other projects I mention on page <https://www.vb-net.com/Freelance2023/Index.htm> : one of them also has special message bus from Auron company, other project for VoIP, next project is PaymentGateway, Nifty Football game and so on.

MARCH 2023 - MAY 2023

### ASP.NET developer in project lunite.us

USA

One of my freelancers project, not very interesting by used technology, but with full cycle from user requirements for design to deployment to Kamatera datacenter. I have rebuild design a couple times, but customer stop his selection on current design. This project has no interesting technology point except one - one half of this site was written on PHP and second half on ASP.NET and this project has strange combination ASP.NET and PHP like spaghetti, for example - on top level ASP.NET site working, inside ASP.NET site PHP part working as PopUp window for example for user survey, Image uploader for this ASP.NET site has been realized on PHP TyniMice, but

plugging for PHP TyniMice for parsing Excel Document and uploading result data to MySQL DB was realized on ASP.NET again. Also site used a couple Google Cloud API and Office 365 as mail server. This project used MySQL DB for all PHP parts and MS SQL for ASP.NET parts.

MARCH 2022 - MARCH 2023

## **ASP.NET, .NET, .NET Core, SQL developer and SQL, Network, Linux, System administrator, tariffdatasystems.com**

USA

Full stack ASP.NET developer, SQL server, Excel  
Working with Azure and Huge MS SQL databases with thousands of SQL procedures. Database for tariffdatasystems is exist before me as SQL 7 database (ancient version of MS SQL before SQL 2000 with using => and =< instead JOIN clause), I have rebuild that database for modern SQL 2016 and optimize performance for high loading. Also I have refactoring in this project all backend API for new requirement.

AUGUST 2021 - DECEMBER 2021

## **Frontend for Prozorro auction (Ukraine), Private company of Ukraine**

Ukraine

Project:

A couple of screens from this project <https://www.vb-net.com/ProzorroFuture/Index.htm> Project with NoSQL database with frontend on ASP.NET (C#) and huge amount of jQuery function that need to support online auction function. I have full refactored existing frontend with HTML5, CSS3, Bootstrap.

MARCH 2020 - MARCH 2022

## **NET Core Developer, Blazor and Angular developer, Linux administrator , Cryptochest.io**

Israel

I worked as system architect on project cryptochest.io, this is maybe most interesting cryptocurrency project in my life, but this project was unexpectedly shutdown at January 2023 because project had no enough profitable.

I'm fan of cryptocurrency and publish on my blog and other place various recipes and articles about cryptocurrency, for example this post about Huobi <https://www.vb-net.com/HuobiFreedom/Index.htm>

Also I many times created various trading bot with cryptocurrency, this is example of report of one of my trading bot <https://www.youtube.com/watch?v=thf4Va1yRKQ> - Therefore I take this project.

Details of this project:

-- Project looks as Amazon or Azure web panel and support two different type of masternode hosting.

Prefer coin for project was ETH2, this is my post about preparation ETH2 Virtual machine <https://www.vb-net.com/Eth2/Index.htm> , but of course this decision was a preference for project customer, normal project must support all of 200 coins. Also I deploy and start coin as Docker container, I publish a couple of our coins on this page and DockerHub as example <https://www.vb-net.com/DockerizingMasternodes/Index.htm> , in reality project can working with 200 coins.

-- Project had huge database, a part of database I have published to Github [https://github.com/Alex-](https://github.com/Alex-1557/KvmHostingManagementDbWithTrackingChanging/blob/main/KvmHostingManagement.All.NoData.2022-06-10-18.41.33.sql)

[1557/KvmHostingManagementDbWithTrackingChanging/blob/main/KvmHostingManagement.All.NoData.2022-06-10-18.41.33.sql](https://github.com/Alex-1557/KvmHostingManagementDbWithTrackingChanging/blob/main/KvmHostingManagement.All.NoData.2022-06-10-18.41.33.sql) - project database worked without transaction, but with full snapshots of users data and tracking changes.

-- Project used a lot of various unique future from special encoder [https://www.nuget.org/packages/RFC4648\\_Base32\\_Encoder/1.0.0](https://www.nuget.org/packages/RFC4648_Base32_Encoder/1.0.0) to custom message bus instead RabbitMQ or Kafka.

-- Other unique library I have develop for this project was DockerMonitor - <https://www.vb-net.com/DockerMonitor/Index.htm> in order to tracking docker events and pass docker events to message bus and finally push docker events to Frontend

by SignalR - <https://www.vb-net.com/AngularMosaic4/Index.htm>  
-- Project based on Hetzner datacenter and all Virtual machines based on KVM server, I publish a couples articles about increase server performance, for example <https://www.vb-net.com/MapKvmCpu/Index.htm> This is my Hetzner installation script to initialize servers for this project - <https://www.vb-net.com/HetznerInstallationScript/Index.htm>  
-- Last Backend working on NET CORE 6, this page contains list of project Backend API - <https://www.vb-net.com/AngularBackendResult/Index.htm> And this is my TDD methodology to testing Backend API <https://www.vb-net.com/TDD-Technique/Index.htm>  
-- Project has huge admin panel on Blazor, this is historical idea from previous project architect from England, he prefer another engine to start virtual machine (ESXI 7, I start working on this project after Paul under VmWare <https://www.vb-net.com/VmWare7/Index.htm>) and another datacenter (DigitalOcean), but I (1) transfer project to Angular from Blazor, (2) to Hetzner from DigitalOcean, (3) to KVM from VmWare.  
-- When I worked on Blazor with that project I had publish various Blazor recipies, for example <https://marketplace.visualstudio.com/items?itemName=vb-net-com.BlazorInMemoryDatabaseCRUDexample>  
-- You can see Frontend of this project on page <https://www.vb-net.com/AngularMosaic/Index.htm>  
On this post I explain notification from Backend to Frontend in my project, unfortunately Frontend on this project has not fully completed. I propose project owner to create Discord bot (I'm author of common discord bot project templates, for example <https://marketplace.visualstudio.com/items?itemName=vb-net-com.VbNetCoreDiscordBotProjectTemplate> or create Telegram bot in order to collect more users without full workable Frontend, only with text mode with Discord or restricted graphic mode on Telegram (like this <https://core.telegram.org/bots/webapps>).  
-- Unfortunately customer refused to evolving and developing project more because project had no enough profitable to him. This is customer feedback in <http://vb-net.com/Wanted/Cryptochest.pdf>

JANUARY 2018 - JANUARY 2020

## Full stack .NET developer in various company, various company

Whole world, Australia, USA and so on

Small example of 20 freelance project <https://www.vb-net.com/FreelanceProjects/Index.htm>

Mail sending component - <https://www.vb-net.com/MailKit-IdleClient/Index.htm>

Site fro Ukraine - <https://www.vb-net.com/IMK/Index.htm>

Desktop project for US customer - <https://www.vb-net.com/Samantha/Index.htm>

Backand API for android phone application - <https://www.vb-net.com/MVC-future/Index.htm>

Proxy server - <https://www.vb-net.com/NetCoreDaemonExecAncientMsSQLProcedure/Index.htm>

Parser Australia info - <https://www.vb-net.com/CensusTableBuilder/Index.htm>

Graphhopper component - <https://www.vb-net.com/GraphhopperProxy/Index.htm> and many-many other

FEBRUARY 2017 - DECEMBER 2017

## ASP.NET Developer, GiftRepublic.com

London

Full stack ASP.NET developer, Microsoft AJAX, ASP.NET Classic, SQL Server, this is a couple if screenshot from this project and one of the my solution for this project with Modal Dialog with ASP.NET server implementation.

SEPTEMBER 2015 - FEBRUARY 2016

## Project manager and senior developer, project Desen.bg

Bulgaria, Business sector: Human Resources, Company size: from 5

This project was created to election of bulgarian political party and should improve propaganda this party's idea. Clearly this is a site with live streaming video from street

(like ustream.tv, livestream.com, vimeo.com) - but without to moderation from this alien company and payment to this alien company. There are a bit of programming in this project, but I have done full configurations of clear bare metal servers and bare metal firewalls (I like ZyWall and I was selecting this firewall on all my projects, where I should select bare metal firewall), include stream-server (I select Wowza server), web server, SQL-server, Subversion server and other servers, needed for this project. I had installed servers in datacenter (my liked datacenter company - itldc.com, it's ukrainians company, that has datacenters in many country in the world). I installed web-cameras on clients (I select basic camera to project - Hikvision, but project support for translation live stream anything modern communicator on Android). I have write my own RTMP player (like Video player from Youtube, but this is my own code <https://www.vb-net.com/RTMPPlayer/Index.htm> ) Also I was editing video and was doing all any task in this projects. After finished election process this project is frozen. More details about this project please see on page <http://vb-net.com/Desen/> (on Ukrainian languages)

JANUARY 2015 - SEPTEMBER 2015

## **Project manager and senior developer (ASP NET MVC site and Windows application), OCMR Toronto**

Canada, Business sector: Marketing/Advertising/PR, Company size: from 5

Project:

Special site with this company and windows application. This is social networking system, end goal of this network community is printed in paper calendar of events for each community. Adversting inserting in calendar of community events, calendar printing and spreading. This MVC site written in my own CMS, that provide many levels user right. Ordinary users may adding to site future events with fotos to their community. Moderator of community combine events to community's calendar. Editor community is windows applications create PDF-schema for print calendar in typography in high repolutions and for publish on this site in low resolution. Some screens of this projects please see in page <http://www.vb-net.com/ASP-NET-MVC-CMS/index.htm> This my own CMS include special caching of site entering page, described in this page <http://www.vb-net.com/CacheEnterPage/index.htm> and my special graphics engine, that save image in DB, describing in this page <http://www.vb-net.com/Multipart-form-data/index.htm> More details of technology used on this projects please see in page <http://www.vb-net.com/MVC/> , screen on windows application (PDF schema editor see in page <http://www.vb-net.com/PDF-Constructor/index.htm> ). Resume of this my job please see in <http://vb-net.com/wanted/Panorama.gif> Project worked perfectly, but, as I understand, owner of this project has not got a big profit and after small time project was closed.

JANUARY 1993 - DECEMBER 2014

## **Full-stack ASP.NET Developer, sometimes Windows and Linux adminstrator, Various ogranization**

Various country, mostly Ukraine and Russia, sometimes for customers from Japan, Switzerland and other

See more details in my blog, for example see description from 2007 year of project for customer from Switzerland <https://vb-net.com/Asp2/25/Index.htm> - this project print booklets with lecture timetable for Switzerland institute. That project used Crystal Report.

Other project from 2010 years was for example was with optimization performance huge base metal SQL server 2005 with 8 terabyte databases and splitting tables to section, each section I place to separate hard disk, there was 16 separate disks on that server. <https://www.vb-net.com/Sql/Perfomance/Index.htm>

Also I have develop 2 KIOSK system, one of them was a BANK application, second for trading <https://vb-net.com/Terminal/Index.htm>

And more, for 15 years there was a hundreds various application, in each project I have various team for collaboration, from zero, when I worked just only one, to huge team in company IILE, Votpusk, GISIS and other.

JANUARY 1991 - DECEMBER 1992

## Application programmer on dBase IV and Clipper

Ukraine

Different organization on Kharkov, Ukraine.

MARCH 1986 - DECEMBER 1990

## System administrator, National Cosmos agency of Ukraine - this is start of my programming career

Ukraine, Business sector: Information technologies, Company size: above 300

System programmer of OS/360 and OS/370

Details descriptions of this job, please, see in page <http://vb-net.com/wanted/nitip.gif>

Programming languages - Assembler, PL/I

## Education

SEPTEMBER 1981 - JULY 1987

### Electronic Institute

Kharkov, USSR, Level: Master's degree

## Languages

**Native language:** Ukrainian

**Russian:** Comprehension (Fluent), Speaking (Fluent), Writing (Fluent)

**English:** Comprehension (Fluent), Speaking (Intermediate), Writing (Fluent)

**Bulgarian:** Comprehension (Intermediate), Speaking (Beginner), Writing (Beginner)

My native languages Ukrainian and Russian.

Understanding Bulgarian and some other languages.

Reading-writing in English fluently, speaking with accent.

## Skills

[1] Programmer Keywords (.NET stack): Net Core, VB.NET, Visual Basic (C#), .NET, ASP.NET (any existing implementation, prefer Classic), Windows Desktop, Web Security, Software Architecture, Cryptography, Web Services (prefer WCF), LINQ. I prefer VB.NET, but C# is possible too.

[2] Angular/Typescript backend stack: Backend (NestJS and Node)

[3] FrontEnd stack keywords: Angular, Typescript, Adobe FLEX, HTML5, HTML, jQuery, Adobe Air, Google Maps API, JSON, AJAX, Blazor, FLEX, jQuery, Microsoft AJAX

[4] Android apps: Nativescript, Java

[5] Various JS development for Cloud: Google Cloud and Cloudflare (prefer Cloudflare)

[6] Excel stack: VBA, Classic Com-objects, VSTO. (prefer Classic)

[7] Linux stack: .NET Core and Node, console and .SO service

[8] SQL stack keywords: Database Programming, Database Development, Microsoft SQL Server (including SQL CLR), SQL, MySQL, PostgreSQL, MongoDB, Supabase

[9] Administrator keywords: Network Administration, System Admin, Linux, KVM administration, Computer Security, DNS, IIS, SVN, Microsoft, VOIP, Asterisk PBX, ZyWall, CISCO, VMware, Active Directory, Windows Server, eCommerce, BigData, WebHosting, WebServer

[10] Also I still remember all previous programming languages and environments I used in past (from ActionScript to VB6) and can rebuild ancient application to modern way. Most requested and frequent upgrade - from ancient ASP.