

STANISLAV KISELEVSKII

.NET SOFTWARE AND DATABASE DEVELOPER

CONTACT INFO

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Linked In profile: <https://www.linkedin.com/in/stanislav-kiselevskii-519a7512/>
GitHub profile: <https://github.com/K-S-K/CV/>

Technologies: Dotnet, .Net Framework, .Net Core, .Net 5 - .Net 7,
ASP.Net, REST API, WEB Services, EF Core, Dapper
WinForms, WPF, Windows Services
MS SQL Server – T-SQL – DDL, DML, SP, UDF, Jobs, Triggers, Query Optimization

Industry domains: Electric power – [software development for billing, power network modeling](#);
Fintech – software development for [trading automation for fiat](#) and [crypto](#);
Telecom – software development for billing, [monitoring](#), data converting;
Railway – [Blackbox data analysis](#).

EDUCATION:

Ural State Technical University (Ekaterinburg, Russia),
Engineer's degree, Automated control of electric power systems, 1992-1998.

Languages: English(B2), Russian (native).

Current studying technologies: .Net 7, Blazor, AWS, Azure DevOps, MongoDB, FreeRTOS.



JOB EXPERIENCE (MAIN):

05.2022-NOW. EPAM SYSTEMS

Software support for EPAM Customers.

Business project description: The software is designed for stock market assets processing.
A tremendous and well-featured desktop tool with a long history

Technical project description: database, server, and desktop application (Windows Forms).

Responsibilities: Support, bug fixing, and implementing new features.

C#, T-SQL

06.2020-04.2022 SOFTMEDIALAB

Software development for different customers.
There were several projects here.

Copy Trading Automation.

Business project description: Providing the following trading by the follower traders after the leader trader on the Binance crypto exchange.

Technical project description: Listening to the Binance exchange signals for the "originator trader" account and repeating orders for the "duplicator trader" account with proportional order size correction regarding each duplicator trader wallet amount.

Responsibilities: collecting requirements from the customer, RND, architecture planning, implementation and deploying of MVP version, technical support, evolving of the product

Used technologies: .Net5, WPF, Binance.Net library by JKorf, and some subject area knowledge.

The description of this project can be seen here:

https://github.com/K-S-K/CV/blob/main/Articles/27_CopyTrading/Article.md

Bank portal web application.

Project business description: Data exchange between the company and the bank.

- Responsibilities:
Added CSV files import to the database.
- Added XLSX files import to the database.
- Added report-creating functionality as Google Table.
- Added file downloading from the Google Drive functionality.

Used technologies: PostgreSQL, .Net Web Server, EF Core, Dapper, Google Drive, Google Documents.

04.2018-05.2020 UNIQUE SOLUTIONS GMBH (REMOTE)

Working on a couple of projects about religious taxes calculation for Berlin and Brandenburg citizens.

1. Desktop application – support, features adding, bug fixing.
2. WEB Application (.Net Core API server) – development and evolution of the REST API server, which works between MSSQL DB and Electron-based UI.

Used technologies: .Net Core 2.1, EF Core for Migrations, Dapper for the data access, WPF, Telerik, Aspose for the Doc and Pdf report generation.

03.2011-03.2016 EASTWIND

Software development for telecom billing systems.

There were three projects there.

EWReliability.

Project business description: Reliability analysis system for the cell operator billing system.

Project technical description: Application health data collection and analysis. Availability factor measuring. Tool for investigation of the evolving of accidents. Software for load monitoring and emergency prediction. Tool for loading testing of billing software after every sprint.

Project Roles: Software developer, Product Owner, Team leader.

Responsibilities:

- Researched the possibilities of availability factor measuring.
- Developed a technology of software monitoring health.
- Created the DLL for other software developers to emit the health data to the custom Performance counters.
- Created the software for collecting health data in the MS SQL Database.
- Formalized the requirements for dividing operation time into the periods, classified as "working," "hanging," and "failures" (this part was implemented by another software developer whom I shared part of my job with)
- Formalized the requirements for the graphical representation of the classified periods for all observing applications on the common time scale for the developer whom I shared this part of the job with.
- Developed the software tool to view these intervals in the form of a table and the graphical form for the emergencies evolving investigation.
- Developed the software for automatic periodical reporting.
- Developed the software for generating different traffic types for the load testing of the billing software.
- Organized and performed the load testing of the billing software after every sprint (we have not approved the release if its availability factor was significantly worse than the availability factor of the previous version).

Team: 1 to 4 Software Developers

Tools: Microsoft Visual Studio, Microsoft SQL Server Management Studio, SQL Server Profiler for bottlenecks research and for DB stuff optimizing, WinDBG for collecting the evidence of the tested software memory leaks and deadlocks.

Technologies: .Net, MS SQL Server, App Domains, windows services, Windows Forms.

Languages: C#, T-SQL.



ASN.1 Format driver generator.

Project business description: Tool for creating ASN.1 data files reading and writing drivers based on the notation.

Project technical description:

The project contains these parts:

- ASNData assembly (DLL) that provides base types and reading and writing functionality;
- ASNProcessor assembly (DLL) that provides ASN notation parsing and creating data model source code in C#;
- ASNTools assembly (desktop WinForms application), which opens ASN.1 notation file, displays its structure, creates a .Net project with ASNData assembly and source code generated by ASNProcessor assembly, and calls MSBuild to create a new DLL assembly which is a format driver for the ASN.1 notation file processed.

Responsibilities:

Created two assemblies of this project:

- ASNProcessor assembly (notation parsing, data model representation in the normalized form)
- ASNTools assembly (UI, displaying the data structure as a tree, generating format file driver assembly)

Technologies: .Net, MSBuild, ASN.1.

Language: C#.

EWMediation.

Project business description: Automatic data exchange between cell operators.

Project technical description: The data packet queue is processed by data converters and uploaders.

Project Role: Software developer

Responsibilities

- Developed different format converters.
- Implemented each format converter as DLL, which implements the interface user software requires.
- Implemented tests for every format converter (as for mine converters, as for those created before me).
- The formats were: text, XML, binary, and CSV.

Tools: Microsoft Visual Studio

Technologies: .Net (windows services, Application domains)

Language: C#.

The description of EWReliability project can be seen here:

https://github.com/K-S-K/CV/blob/main/Articles/05_EWReliability/Article.md

JOB EXPERIENCE (OTHER):

2011-2018 SOFTWARE DEVELOPER IN THE SMALL PRIVATE FINTECH STARTUP

Project business description: Automatic trading, different trading approaches testing.

Project technical description: The project contains an exchange trading history database, exchange emulator, real exchange connector, main trading desktop program with UI, configurations manager, and several united trading algorithms implementations, which can be used with the main system.

Project Role: Software developer

- Responsibilities:
 - Performed requirements normalization and formalization;
 - Created the software for the trading algorithm testing on the historical trading data (RnD);
 - Created the software for trading on the exchange by the implemented trading algorithm (RnD);
 - Created the database and the exchange emulator;
 - Created the Exchange connector, which can transparently restore context after restoring the connection after the connection was lost to external reasons;
 - Created the trading tool which can be connected to the exchange emulator as to exchange connector;
 - Implemented many trading algorithms;
 - Developed the configurations optimizer tool.
 - Developed the configuration changer based on a schedule and the market situation measurement.

C#, T-SQL, WinForms, WPF.

The description of this project can be seen here:

https://github.com/K-S-K/CV/blob/main/Articles/27_CopyTrading/Article.md

2009-2011 FREELANCE, NEW PROGRAMMING LANGUAGE LEARNING

In that time, I created several different software products for private and small business customers, installed several diesel generators with an automatic start, and supported the IT infrastructure of a regional delivery company – nothing worthy of special mentioning.

The most significant thing I did in this period was learn the C# and .Net development for my further employment.

2000-2007 PROSOFT-SYSTEMS

Developing electricity metering software and power billing software.

Developing database infrastructure and tools for editing the electric network counting scheme and solving rules calculated by MS SQL Agent. Database infrastructure to represent a hierarchical model of the part of the electric power system. User interface tools for the editing of the model (MFC). Different tools for the scheme data synchronization. The scheme's history changes, affecting the summary power calculation (Current transformer replacement history, power meter replacement history, etc.)

Used technologies: C++ (MS Dev Studio), SQL (MS SQL Server).

https://github.com/K-S-K/CV/blob/main/Articles/03_ESphere/Article.md

2007-2009 URALS ELECTRIC TECHNICAL COMPANY (CONTRACT JOB)

It was an exciting engineering job with business trips, real equipment, interesting people, and a lot of drive. We mounted diesel generators and big (sometimes really big) UPS systems at enterprises, hospitals, banks, and people's houses. I ran an engineering department in a company that sells all these kinds of equipment - they tried to grow in this direction. My education allowed me to understand and be interested in this area and this kind of job.

Structurally, my job there can be described like this:

1. Development of Uninterruptable power systems for the customer's specifications
 - 1.1. Field research of the installation site
 - 1.2. Power supply system project development
 - 1.3. Calculate the approximated equipment characteristics.
 - 1.4. Preparation of the proposals for the customers.
2. Installation of the uninterruptable power systems
 - 2.1. Site preparations control (basements, communications, rooms, etc.)
 - 2.2. Equipment logistics control (picking up from the transportation company and moving to the customer's site)
 - 2.3. Building procedures control (some contractors can do it better, and, they are certified for that)
 - 2.4. Performing electrical communications or/and electrical communications control
 - 2.5. Primary launch and testing of the system.
3. Maintenance of the uninterruptable power systems
 - 3.1. Periodical testing of generators and UPSs
 - 3.2. Periodical oil replacement in the generators
 - 3.3. Periodical replacement of the UPS batteries

The enterprise didn't survive the economic crisis, so after this job, I helped several clients as a contractor to build those power supply systems and to maintain them.

1999-2001 URAL STATE TECHNICAL UNIVERSITY TELEPHONE COMMUTATOR ADMINISTERING

Billing software development. From saving CDR data to printing toll billing orders for customers. No DB, file-based data storage. C++, MSVS, ATL, MFC.

1998-2000 RESEARCH INSTITUTE OF THE AUTOMATION OF RAILWAY TRANSPORT. (REMOTELY)

Development of the railway black box analyzer. My part in this project was UI, graphics, and infrastructure. C++, BC Builder, MSVS.

The description of the project can be seen here:

https://github.com/K-S-K/CV/blob/main/Articles/01_Railway_BB/Article.md

Software Engineer at the Phone Commutator of the University (1999-2003)

Deployment and maintenance of the Definity telephone commutator of the university.

1. Participant in the primary deployment of digital commutator in transit between city telecom provider (3 x E1) and decade-step commutator.
2. Participant in the cross-connection of the new consumers and switch existing consumers to the new commutator.
3. Development the custom billing software. The function of the software is:
 - 3.1. Collecting the CDR data from the COM port of the commutator and storing it in the txt files.
 - 3.2. Online monitoring of traffic intensity.
 - 3.3. Detecting the hunger-up stepping switches by active and silent trunks analysts.
 - 3.4. Cross-merging our CDR data with toll reports from the toll connection provider to split toll calls between our users (because we put the same ANI for all our customers due to some administrative reasons).
 - 3.5. Creating daily and weekly load reports (hourly load tables, daily load graphics).

Microsoft Visual Studio C++, ATL, MFC.

Electronic Engineer at the Transient Processes the University (1994-1999)

Development and maintenance of laboratory equipment.

Development of the concept and hardware implementation of laboratory models for practical sessions about discrete logic.

Development of software to collect measured parameters and display the parameters' values in a graphical form to demonstrate transient processes in particular parts of electrical circuits.

Also, I administered and maintained two computer classes.