

VALENTYN SHYBANOV

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Social

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About myself

Started software engineering career with low level system programming mostly on start of the era of modern computers, my interest involved from programming calculators, drivers and simple games (Using **ASM,C/C++**) to developing complex enterprise-level cloud-based solutions (**Java,.NET,Go, Containers**). Now, with help of modern technologies, solutions and concepts, I am not just trying to bring any, even most courageous ideas into life, but also spread the light of all brilliant technology solutions I can find to all other developers.

Now focused on combination of **Web technologies** (Angular, Dart, React) and **Cloud Technologies** (Google Cloud Platform, Amazon EC2, Azure).

I am **Google Developer Expert** (Cloud and Web) and love to participate in different conferences, give talks and organize workshops and hackathons. I am using my speaker skills to encourage developers to try new approaches, to see global picture of software development. In my talks I am using animated HTML5 presentations to get more attention form auditory and make material much more clear and visualized.

Skillset

Strong: JavaScript (ES6/TypeScript), .NET, Go, Java, C++, Dart, shell scripting, HTML, Angular
Medium: Perl, Python
Weak: Ruby, PHP

2010 - 2017 Twinfield

Solution Architect, Head of Ukrainian branch

Twinfield is an international web service for online accounting offered by Wolters Kluwer. Twinfield facilitates the collaboration between accountants and entrepreneurs by offering a state-of-the art cloud application that allows both parties to work on the administration in a smart, simple, secure and connected way. Established 15 years ago, Twinfield has a strong and growing client base in the Netherlands, UK, Germany, Belgium and Caribbean who all use our bookkeeping software on a daily bases.

With more than 80,000 financial administrations and more then 40,000 subscribers in 22 countries, Twinfield is the first and largest web service for online accounting in Europe, and is praised by both Gartner and IDC. Subscribers have access to their online accounts from any place and at any time they want through a safe Internet connection. Online accounting from Twinfield is available at a flexible monthly subscription rate.

Initially as **Regional Director**, I was responsible for managing ukrainian developers, guiding and controlling development process, shaping requirements.

Later, as **Software/Solution Architect**, I was responsible for making architectural decisions for bringing Twinfield application into cloud. Are of responsibility covered both for backend and front-end parts, providing consistent solution covering visual appearance and streamlined development process. Besides of it, he was constantly performing hands-on developing by implementing critical and new components, training other developers.

Used technologies: **ASP.NET MVC, C#, AngularJS, CQRS/ES, MS SQL, RabbitMQ.**

2005 - 2009 DevelopEx

Team leader/Developer

DevelopEx is an outsourcing company, that provides services to worldwide clients. As part of DevelopEx, Valentyn Shybanov participated in such projects:

AuctionFloor - Huge ERP project with multiple modules and complex backend made for auction house who makes live auctions. The system includes such modules as inventory module, payment, accounting, checkout, shipping, live auction software etc. It is integrated with several 3rd party APIs (ebay, USPS, UPS, Fedex, ACH payments, Paypal, CC processing gateways) and has two bidding templates (AJAX and C++) and real-time TCP/IP server software to make live auctions.

Error report - Web-module for help desk system which allows filing help desk and inventory reports to support people.

Web Order - Business management system which allows to automate purchase processes in an enterprise and integrated with 3rd party applications.

Prospeo - trending component with complex graphs drawing for 3rd party application.

FlowCharting - charting component to use as DotNetNuke module.

2004 - 2005 Frontex Developer

At **Frontex** Valentyn Shybanov was working on **Xcelerix**: non-relational (entity-relational) in-memory database.

Targeting as ultra-fast information storage, Xcelerix used entity relational schemes to provide determined selection time for data queries, that in standard relation-based database system would require exponential growing time. Also Xcelerix provided support to as many OS as possible, including Windows, Mac OS, different distributions of Linuxes, HP-UX. Technologies

Main technologies used in development were **C++**, **Perl** and **Java**.

2004 - 2004 AMI Ukraine Developer

In "**AMI Ukraine**" Valentyn Shybanov was working on **PersonPro** - personnel management system. Enterprise-level Ukrainian fully customizable solution that handles all processes of HR: gathering, storing, publishing information, handling complex queries about personnel, preparing customizable reports, including documents of strict accountability.

Technologies used: **Delphi**, **ODBC**

2003 - 2004 Obex Corp. System architect

Valentyn Shybanov contributed in developing **Obex** Web application for B2B telemarketing. Distributed system, that allows customers to plan and implement telemarketing process and calculate profits. Used AJAX to accelerate system, minimize risks of concurrent modifications and make system more user-friendly.

Technologies used: **PHP**, **MySQL**, **Design Patterns**.

2001 - 2003 Alitel Senior Developer

In **Alitel** Valentyn Shybanov was working on on VoIP billing system based on Radius server. Started as first developer of this system, and continued as head developer of small group of developers. Mastered C++ unix programming, database management, multi-threaded and time-sensitive development. Also got skill of managing group of developers (code review, planning, etc).

Technologies used: **C++ (gcc)**, **MySQL**, **Radius RLM**, **CGI**.

1998 - 2001 Lider Ltd.

Developer

At **Lider Ltd** Valentyn Shybanov was working on System for stock-taking for car-selling warehouses. The main purpose of system was to store information about stock status and do complex queries on searching product analogs.

Technologies used: **MS Access, Delphi, BDE (Paradox)**.

1997 - 2003 NTUU "KPI"

Mathematics, Master of Science

National Technical University of Ukraine 'Kyiv Polytechnic Institute' (NTUU "KPI") is one of the oldest and largest technical universities in Europe. It was founded in 1898. NTUU KPI is famous for its academic excellence and leading innovative research.

During study in NTUU "KPI" Valentyn Shybanov mastered his knowledge in mathematics and computer science. Gained **Master of Science** degree in **Mathematics** (Probability theory)

1987 - 1997 Gymnasium #191

General education

[Gymnasium "Poklyk" #191](#) is a school that specialize on teaching foreign languages.

In Gymnasium #191 Valentyn Shybanov got basic education and participated in different competitions for youth, including yearly "olympiads" in mathematics and computer science.

2012 Xebia

Scrum Master

During [Scrum Master course](#) in [Xebia](#) that was held by [Jeff Sutherland](#), one of inventors of Scrum, Valentyn Shybanov got advanced understanding of Scrum principles - how it works, what is the purpose, what problems could be and how to solve them.

Certificate obtained: **Certified Scrum Master**.

2003-2005 Kyiv School #256

Pedagogical practice

During pedagogical practice in [School #256](#), Valentyn Shybanov got experience on how to teach others, how to make others be interested.

Discipline: **Computer Science**.

2009 - now GDG Kyiv Center

HTML5/Chrome/Cloud so-coordinator

Since beginning of [Google Developers Group](#) in Kyiv (formally GTUG), Valentyn Shybanov plays active role in different GDG events - hackatons, DevFests, technical meetups.

Specialization: **HTML5** (CSS3/AngularJS), **Chrome**, Chrome Extensions, **Dart**, **Google Apps Engine**, **Google Apps Script**, **Google Cloud Platform**

https://olostan.github.io/slides_dartmyth

21.11.2016 BuildStuff Ukraine

Speaker

As one of speakers of **BuildStuff Ukraine**, Valentyn Shybanov gave a presentation [Breaking Monolith into pieces: Cloud Essences](#), that helped to understand what is micro-services and how to build them with maximum efficiency.

21.10.2016 Dart Summit 2016

Lighting-talk

On [Dart Summit 2016](#), Valentyn Shybanov [mythbusted](#) common misunderstandings about Dart.

09.09.2016 DevFest Ukraine 2016

Speaker

As one of speakers of **GDG DevFest Ukraine 2016**, Valentyn Shybanov gave a presentation [Highlevel overview of the Angular 2 \[Video\]](#), where described benefits main princiles of Angular 2 and reasons of using it in real applications.

30.11.2015 DeeeepMaterial

Speaker

As one of speakers of **DeeeepMaterial** - really big Material Design event, 30.11.2015 Data Art Kyiv, Valentyn Shybanov gave a presentation [Material Design in Web](#)

21.11.2015 DevFest 2015 Silicon Valley

Speaker

As one of speakers of **DevFest 2015 Silicon Valley**, Valentyn Shybanov gave a presentation [Multilingual Mult-Services in Google Cloud](#)

23.10.2015 DevFest 2015 Ukraine

Speaker

As one of speakers of [DevFest 2015 Ukraine](#), Valentyn Shybanov gave a presentations [Micro-Services with Go on Google Cloud](#) and [Angular2: Architecture behind it](#)

19.09.2015 SE2015

Speaker

As one of speakers of [SE2015](#), Valentyn Shybanov gave a presentation [Lighter micro-services with Go](#)

07.07.2015 Google I/O 2015 Post Tour

Speaker

As one of speakers of [Google I/O 2015 Post Tour](#), Valentyn Shybanov gave a presentation [Recap of Google I/O about Web and Cloud](#)

25.10.2014 DevFest 2014 Ukraine

Speaker

As one of speakers of [DevFest 2014 Ukraine](#), Valentyn Shybanov gave a presentation [Go in the Cloud](#) and [Polymer Workshop](#)

12.10.2014 Dart Flight School 2

Organizer

As speakers and organizer of [Dart Flight School 2](#), Valentyn Shybanov organized a training and workshop [Dart Platform, part 2](#).

15.02.2014 Dart Flight School

Organizer

As speakers and organizer of [Dart Flight School](#), Valentyn Shybanov organized a training and workshop [Dart Platform](#).

2012 DevFest 2012

Speaker/Organizer

As one of organizers of [DevFest Ukraine 2012](#), Valentyn Shybanov was responsible for HTML5/Chrome section of the conference. He also gave a presentation ["AngularJS as a Web Platform"](#)

2011 Google Developers Day

Speaker/Finalist

As finalist of [Google Open Call 2011](#) and **Chrome Hackaton**, Valentyn Shybanov was invited to [Google Developers Days 2011](#). Apart of presenting **Chrome Hackaton** project, he made a presentation about using **Google Apps Engine**.

2011 JEEConf 2011

Speaker

At [JEEConf](#) Valentyn Shybanov participated as [speaker](#).

Topic was: **Looking Ahead: implementing CQRS using Google Apps Engine with GWT**.
Description: With the advent of "cloud" computing in the enterprise development process, some new approaches to application development. The presentation was shown an example of a sheaf "cloud" server platform, Google Apps Engine and Google Web Toolkit for building Web-based applications using CQRS-principle.

2008 UAWeb 2008

Speaker

At [UA Web 2008](#) Valentyn Shybanov made presentation "**Using GWT for building Web 2.0**". During the presentation, Valentyn shared his experience of using GWT for building web applications.
