SERGEY TODYSHEV

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EDUCATION

Institute of Automation and Electrometry — Novosibirsk, Russia
PhD (incomplete) Applied Mathematics — Jun 2004 - Aug 2007

Novosibirsk State University — Novosibirsk, Russia
Computers, Complexes, Systems and Networks *GPA: 4+* — Sep 1999 - Jun 2004

EXPERIENCE

GrapeCity, Inc — Remote
Software Team Lead — Oct 2018 | Present

- Working to make Web Components with efficient and asynchronous data processing on the client
- Leading development of DataViewsJS product with devops, tech lead and project manager duties

Xored — Novosibirsk, Russia
Software Tech Lead — Jan 2016 | Jun 2018

- Leading development of large-scale automation platform with up to 15 engineers
- Direct communication with foreign managers and foreign product customers
- Solving customer incidents on production environment
- Backend/frontend developer with technical lead duties
- Full-cycle of feature development from proposal, estimation, design and implementation

DataWorks — Novosibirsk, Russia
Full Stack Software Engineer — Jun 2007 | Jan 2016

- Leading development of ActiveReports and ActiveReports Server platform
- Principal developer of PageFX compiler from .NET to AVM (Flash Player VM) bytecode successfully used to build multi-platform report viewer
- Optimized RDL report engine making it faster up to 10x times together with super small dev team

Institute of Automation and Electrometry — Novosibirsk, Russia
Full Stack Software Engineer — Jan 2002 | Aug 2007

- Principal developer of hardware abstraction layer aka Device Manager
- Developed computer-aided tools for interferometry and tomography
- Automation of laser writing machines
- Developed software and hardware development tools

SKILLS

Can read/write/speak:	Russian (native), English (upper intermediate)
Currently program with:	TypeScript, JavaScript
Used to program with:	C#, Java, Go, Python
Backend technologies:	Azure Service Fabric, ASP.NET, Java EE (Wildfly)
Frontend technologies:	React, Redux, Immutable.js
Miscelanious:	Linux, Docker, Git, Bash

PROJECTS

Velocity *PostgreSQL, ElasticSearch, Minio, Apache Kafka, Docker, OpenStack, Java, Go, Python*
https://www.spirent.com/products/velocity
The complete LaaS solution for orchestration of physical, virtual, and hybrid computer networks

ActiveReports *Microsoft Visual Studio, Mercurial, ASP.NET, C#*
https://www.grapecity.com/activereports
The fast, complete .NET reporting solution

CLWS-300 *Modbus protocol, Windows DDK, C++*
Software to manage unique circle laser writing system designed by IAE

voXcat *Microsoft Foundation Classes, OpenGL, MatLAB, C++*
Tomography analysis software

Abstract Control System *Microsoft Foundation Classes, GDI+, C++*
http://denktech.de/about.html
Visual programming environment like mini LabVIEW implementation

PageFX *Mono, C#, Visual Studio 6, Flash Builder 3*   https://github.com/GrapeCity/pagefx
A compiler from .NET to Flash byte code used to easily craft ActiveReports Flash Viewer

CarbonDocs *C#*   https://carbondocs.windows8compatible.com
CarbonDocs is used by .NET developers to create dynamic PDFs. It enables developers to use HTML and CSS along with inline ASP.NET-style scripts to generate dynamic content