SERGEY TODYSHEV

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EDUCATION

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

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

EXPERIENCE

GrapeCity, Inc   Remote
Lead Software Engineer   Oct 2018 | Present

- Development of advanced JavaScript UI components

Xored   Novosibirsk, Russia
Tech/Team Lead & Full Stack Software Engineer   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 leader duties

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

- Leading development of ActiveReports platform
- Developing ActiveReports Server
- Developing binary cross-compiler from .NET to Flash Player byte code

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

- Developing hardware abstraction layer to control Circle Laser Writing System
- Developing computer-aided tools for interferometry
- Developing computer-aided tools for tomography

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

Diagram Designer *Microsoft Foundation Classes, GDI+, C++*
Visual programming environment like mini LabVIEW implementation

PageFX *Mono, C#*
A compiler from .NET to Flash byte code to easily craft ActiveReports Flash Viewer