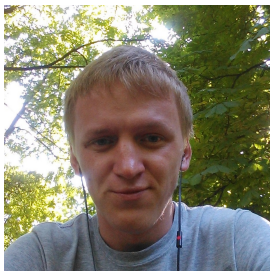

Egor Tensin

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E-mail: Egor.Tensin@gmail.com
Web: https://egor-tensin.github.io/
https://github.com/egor-tensin
Tel.: +7 (911) 982-06-81
Address: 15 Kolomyazhskiy prospekt, bldg. 2, apt. 773
Saint Petersburg, Russia, 197348

Experience

September 2017 – July 2019 — *Senior C++ Engineer* at Flightradar24 AB (www.flightradar24.com)

I took part in the development and support of the backend part of the Flightradar24 project. I was responsible for how various parts of the backend received, processed and stored third-party data in an efficient & robust manner.

Key skills & technologies:

- native Linux development,
- C++ programming (inc. C++17 & Boost),
- Python programming,
- containerization and orchestration using Docker & Kubernetes,
- AWS (EC2, Lambda, DynamoDB, S3).

September 2014 – August 2017 — *Software Engineer* at Netwrix Corp. (www.netwrix.com)

I took part in the development of an enterprise-scale product as a member of a core R&D team. I was responsible for developing various low-level components (among others):

- a "task scheduler" to provide means of asynchronous execution for other components,
- a modular RESTful API implementation.

Key skills & technologies:

- native Microsoft Windows development (WinAPI, COM, ATL),
- C++ programming,
- .NET programming using C#,
- Microsoft SQL Server & related technologies (Reporting Services, etc.),
- XML & related technologies (XSLT, XSD, etc.).

April 2012 – May 2014 — *Performance Engineer* at EMC Corp. (russia.emc.com)

I developed and maintained a tool for revealing, analyzing and solving storage system performance issues, specifically process & thread synchronization issues.

I also troubleshooted general performance issues within enterprise storage systems, including profiling, benchmarking, etc.

Key skills & technologies:

- native Microsoft Windows & Linux development,
- Microsoft Windows & Linux kernel module development,

- C++ programming (inc. C++11 & Boost),
- C & x86(-64) assembly language programming,
- Microsoft Windows kernel debugging,
- performance profiling.

May 2012 – September 2013 *Software Engineer* at Lanit-Tercom, Inc. (www.lanit-tercom.ru)

I took part in a R&D on the impact introduced to the performance of a storage system by process & thread synchronization issues. A prototype of a tool for revealing, analyzing and solving specific storage system performance issues was developed.

Key skills & technologies:

- native Microsoft Windows development,
- Microsoft Windows kernel module development,
- C & x86(-64) assembly language programming,
- Python programming,
- Microsoft Windows kernel debugging,
- x86(-64) architecture,
- undocumented Microsoft Windows features.

Programming Languages

- C, x86(-64) assembly
- C++ (inc. C++17 & Boost)
- Python

Languages

- Russian — mother tongue.
- English — C1 (advanced).

Other Tools & Technologies

- LibreOffice, Microsoft Office
- CygWin
- LaTeX

Development Tools & Technologies

- **Operating systems**: Microsoft Windows, Linux
- **IDEs**: Microsoft Visual Studio, CLion
- **Cloud**: Docker, Kubernetes, AWS
- **Build systems**: CMake, GNU Make
- **CI**: Jenkins
- **Scripting**: CMD, GNU Bash, PowerShell
- **Version Control**: AccuRev, Apache Subversion, Git, TFS
- **Debugging**: GDB, WinDbg
- **Performance**: perf, Xperf, Intel VTune Amplifier