



## Egor Tensin

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Location: Netherlands

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### Experience

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January 2023 – present SDE at Amazon Web Services, Inc. ([aws.amazon.com](https://aws.amazon.com))

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*Work in progress in Amazon Route 53...*

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December 2020 – December 2022 Senior C++ Engineer at CloudLinux, Inc. ([www.cloudlinux.com](http://www.cloudlinux.com))

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I was a member of the [TuxCare](#) team. It's a technology that allows live-patching userspace Linux processes without restarting them (mainly to get rid of security vulnerabilities). I was a key developer of [DBCare](#), which extends the technology to cover mainstream database solutions.

- C programming
- ELF file format
- Intricate Linux APIs
- x86-64 architecture

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January 2020 – October 2020 Senior C++ Engineer at Bercut Ltd. ([bercut.com](http://bercut.com))

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I was a member of the [IN@Voice](#) team. IN@Voice is a billing system for telecom operators. I was responsible for developing and maintaining key parts of the billing logic.

- Cross-platform (Windows, Linux & Solaris) development
- C++ programming
- Python/C++ interop

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September 2017 – July 2019 Senior C++ Engineer at Flightradar24 AB ([www.flightradar24.com](http://www.flightradar24.com))

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Flightradar24 is an aircraft-tracking service. I worked on the backend part, which was responsible for receiving, processing and storing data from on-ground sources and satellites.

- Native Linux development
- C++ programming (inc. C++17 & Boost)
- Python programming
- Cloud: Docker & AWS services

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September 2014 – August 2017 Software Engineer at Netwrix Corp. ([www.netwrix.com](http://www.netwrix.com))

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[Netwrix Auditor](#) is an IT infrastructure security product. It allows sysadmins to easily audit changes in AD domains, MS SQL Server databases, file shares, etc. I worked on the backend part, which collected and stored data; I was responsible for a number of subsystems, including implementing an efficient and modular RESTful API for our storage system.

- Native Windows development (WinAPI, COM)
- C++ programming
- .NET programming using C#

- Microsoft SQL Server & related technologies (Reporting Services, etc.)
- XML & related technologies (XSLT, XSD, etc.)

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April 2012 – May 2014

*Performance Engineer* at EMC Corp. ([russia.emc.com](http://russia.emc.com))

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I was a member of a internal performance team, responsible for revealing, analyzing and solving storage system performance issues, with the focus on process & thread synchronization issues. This included developing specialized tools, using profilers, benchmarking, etc.

- Windows & Linux kernel module development
- C++ programming (inc. C++11 & Boost)
- C & x86(-64) assembly language programming
- Performance profiling
- x86(-64) architecture

### 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:** Linux, Windows
- **IDEs:** Visual Studio, CLion
- **Cloud:** Docker, AWS
- **Build systems:** CMake, GNU Make
- **CI:** GitHub Actions, Jenkins, Travis
- **Scripting:** bash, PowerShell, cmd
- **Version Control:** Git, Subversion, TFS
- **Debugging:** GDB, WinDbg
- **Performance:** perf, Xperf, Intel VTune Amplifier