

Oleksandr Lotokhov

+386 40 76 00 42

oleksandr@lotokhov.com

Goal

Senior software developer / architect.

Experience

2021 – till now: Dehancer, senior developer, film emulation plugin for Adobe Ae/Pr, C++/CUDA/OpenCL, Win/MacOS

2007 – till now: Comtrade (ex. Hermes Softlab) Slovenia, senior developer, for:

- 2016 – now: J2Global, USA, backup in the cloud, C++/C#/MSSQL/ELK.
- 2019 – 2021: J2Global, USA, user portal for backup in the cloud solution, Python/Django
- 2011 – 2016: AVL DiTest, Austria, multifunctional measurement device for car repairing/service (scope/multimeter, “next generation”), FW developing, Atmel UC3A3256 + ATMEGA164/165, FreeRTOS, C, Atmel/AVR32 Studio IDE.
- 2012: AVL DiTest, Austria, device for charging/discharging/balancing for EV/Hybrid cars batteries, FW developing, LPC1837, C, Keil/uVision IDE;
- 2010: AVL DiTest, Austria, device for calibration, PC SW part, C++/Python, MS Visual Studio IDE;
- 2008-2010: AVL Germany, multifunctional measurement device for car repairing/service (scope/multimeter), FW developing, FreeScale MCF5235, uCOSII, C/C++/Python, CodeWarrior IDE;
- 2007: Keymile, DSLAM integrated management system, C++/Python.

2001 – 2007: Iskratel Ukraine, senior developer, team leader:

- DSL-Ethernet bridge (part of DSLAM device), FW developing, Motorola PowerQUICCII/III, VxWorks, C/C++, Tornado IDE;
- System for automated testing for network equipment (using Spyrent Smartbit device), C++.

Common experience/interesting:

- Static code analysis (Klocwork, PCLint, PVS Studio, QAC);
- Process improvements (code review, bug tracking/time tracking, patterns and antipatterns, best practices);
- Problem solving (onsite and offsite);
- Algorithms and programming paradigms (OOP and functional)
- Unit and regression testing, test-driven development;
- Automation (checkout – build – test with one click or by scheduler);
- Git/Bitbucket, Jira.

Other

- Fluent English (B2), Slovenian (C1), native Ukrainian, native Russian, German (A2).