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| **Grigory Sokolov**  Software Developer |  |

Great experience of working in international teams and with world-famous manufacturers of mobile phones, telecom equipment and security software. Development of applications and services on Windows and Unix-like systems. Top competence areas are statistics and monitoring, security and anti-malware, UI development, core network protocols. System programming in C++. Strong algorithmic and mathematical background.

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| **Personal Info** |  | | **Experience** | | | See full career history in my CV and LinkedIn |
| Phone  +7 916 402 7652  Skype  grigory.sokolov  E-mail  [grigory.v.sokolov@gmail.com](mailto:grigory.v.sokolov@gmail.com)  LinkedIn  [linkedin.com/in/grigorysokolov](http://linkedin.com/in/grigorysokolov/)  GitHub  <https://github.com/gregory-sokolov> | | | 2018-09 –  present | | **Senior Software Developer**  *Kaspersky Lab*  Reproducible Builds  Proofing the binary executable file corresponds exactly to the source code it's been built from. Researched the identity of PE artefacts produced by consecutive builds from the same Visual C++ source code, reversed and analyzed binaries with Dumpbin and IDA, discovered and documented more than 10 reasons of difference and how to overcome them. Designed and developed the tool in C# to automatically check and proove if two PE files (exe, dll or similar) are functionally identical with proper detailed logging and reporting. | |
| 2012-09 –  2016-12 | | **Senior Software Developer**  *Kaspersky Lab*  Anti-virus Software Updates, Statistics and Monitoring  Designed business intelligence system of statistics and analytical reporting of anti-virus update process.  Developed backend services in C# and SQL Server, front-end in Angular, Bootstrap, .Net MVC 5.  Mastered Splunk to analyze data from various sources, composed and optimized statistical queries.  Improved identification of problem areas by 3 times, which helped to reduce costs of update tests/traffic by 15%, increase update delivery time by up to 50%. | |
| **Skills** | |  |
| * Programming * System Design * UI Development   C++, STL, Win32 API, MFC, C#, .Net, SQL Server, Entity Framework, MVC 5, IIS, Angular, Bootstrap, Javascript, Typescript, HTML5, CSS3, Npm, Webpack, FreeBSD, Bash/Tcsh, Reverse Engineering, Assembler, Visual Studio 2003-2017, ClearCase, TFS, Git | | |
| 2007-12 –  2010-08 | | **UI Developer**  *Teleca AB*  SONY XPERIA Series Mobile Phones  Contributed to the success story of Sony Ericsson XPERIA X2 from early stages up to the production release.  Developed key platform features: task and process manager, assisted GPS and SUPL services.  Designed UI: screen layouts, event flow, title semantics, UI consistency.  Actively worked with C++, STL, Windows Mobile SDK, GPS driver API, SUPL protocol, custom graphics on GDI, system programming on WinCE API. | |
| **Education** | | | |
| 2000 –  2007 | **Nizhny Novgorod Technical University**  *Computer Science, Master*  Computer engineering, programming, OS internals, networks, dynamic system control, optimization methods, probability theory, algorithms, mathematics | | |