

Curriculum Vitae

Education

- 2001–2007 **mgr inż. (BSc)**, *Technical University Of Łódź*.
5 year course of Automatics and Robotics with two specialties:
- Industrial process automation
 - Applied computer science
- 1997–2001 **maturity exam**, *XXXI Secondary School, Łódź*.
class profile: english and computer science

Experience

- 03.2016–
present **principal software engineer, group leader, technical leader**, *Harman Connected Services, Łódź*.
Working on NTG6 and NTG7 (Daimler MBUX) as Tech Lead in one of Software Download domains:
- fixing bugs
 - implementing new update processes to low level peripherals available on the HU motherboard
 - improvements in the build process of software for the NTG programmes
 - implemented a solution for remote accessing HU benches (multiple network namespaces on one linux machine with multiple virtual machines)
- Technologies: C, C++, Bash, SystemD, Python, Perl, XSLT, SQLite, Linux

- 10.2015– **senior software engineer**, *Harman Connected Services*, Łódź.
- 02.2016 Bluetooth and Telephony architect for NTG5 FreshUp for Daimler:
- adding multipoint bluetooth capability to NTG5 HU
 - providing technical input on how the system should work to other engineers working in the project
 - providing technical sketches on how the system should be working
 - fixing bugs in the system
- Technologies: C, C++, Bash, Gdb, QNX, Bluetooth
- 04.2013– **software engineer**, *Samsung R&D Institute Poland*, Łódź.
- 09.2015 Working on Tizen OS:
- crafting Out Of Memory policy for Tizen OS
 - Debian Code Search modification for Tizen purposes - an internal tool for cataloguing and searching humongous amount of source code
 - porting some of Tizen system services to open source repository
 - working on libprivilege-control library (a wrapper for SMACK) - adding new features
 - developing multiple users support for security-manager, a system service responsible for adjusting user privileges. I was responsible for design, work organisation and implementation of the above mentioned feature.
- Technologies: C, C++, GoLang, Bash, CMake, SystemD
- 07.2011– **senior software engineer**, *Tom Tom Polska Sp. z o.o.*, Łódź.
- 03.2013
- Android based navigation device
 - large and sophisticated JAVA web application, enabling maps editing and git-like version control
- Technologies: J2EE, PostgreSQL, Python, Bash
- 01.2011– **senior software engineer**, *SoftM Polska (Comarch Group)*, subcontracted to Nokia, Łódź/Helsinki.
- 06.2011
- Analyzing and improving the performance of a Meego UI framework.
 - Visualization of performance test results
 - Meego system plumbing to increase performance
- Technologies: C++, Qt, Python, Upstart
- 01.2010– **senior software engineer**, *Comarch S.A.*, Łódź.
- 12.2010 Maintenance and test automation of Bluetooth for S60 platform.
- Technologies: Symbian C++, Python
- 01.2008– **software engineer/senior software engineer**, *CA Services S.A. (Comarch Group)*, subcontracted to Nokia, Helsinki.
- 12.2009
- internal tool for downloading data from HP Quality Center to an excel sheet
 - designed and implemented a hardware and software solution for automatic testing of bluetooth headset development boards
 - leader of a team of 3 people
 - supervised creation of a new bluetooth headset platform based on Broadcom development kit
- Technologies: Python, C++, Visual Basic, embedded C, Bluetooth, USB
- 07.2006– **intern/software engineer**, *Comarch S.A.*, Łódź.
- 12.2007 Developed an interprocess communication module for an open-source project - a multilingual dictionary for the maemo platform. The project is still available on garage.maemo.org (mDictionary).
- Technologies: GTK, GTK hildon, dbus, glib, threads, SVN, autotools, debhelper, Bash

Languages

Polish native
English fluent
German basic

FCE, CAE certificates
3 years of secondary school education

Computer skills

Programming languages: C, C++, Python, Java, VBA, GoLang
Scripting: Bash

Operating systems: Linux, Windows

Interests

Sports weightlifting, cycling
Technical electronics, robotics
Other travelling, construction, motorcycle