

Personal information	Born on 21/12/1983, Smederevo (Serbia) , living in Koekelberg (Belgium) since 2011 My personal web site is www.milanaleksic.net and my email is milanaleksic@gmail.com . You can reach me either via email or Twitter (@milanaleksic).	
Education	Dipl. Ing. Computer Science & Engineering University of Belgrade (Serbia), Faculty of Electrical Engineering (ETF) “NARIC – Vlaanderen” recognized diploma as M.Sc. ¹	2008
Spoken lang.	Serbian (mother tongue), English (fluent), Dutch (C1 Effectiveness 1 ²)	
Languages	Java, Groovy, Go, Scala, JavaScript, SQL, MongoDB	
Experience	Lead Software Engineer @ Basware (Belgium) Senior Software Engineer @ Basware (Belgium) Java / Scala / Spring / MongoDB / Oracle / Chef / Akka / Play2 Cucumber-Groovy / Gradle / Jenkins Pipeline / Ruby Projects Legal Archive via AWS (CloudFormation, S3, Lambda...) Integration of Certipost CertiONE platform into <i>Basware Commerce Network</i> Backend and Frontend programming for Basware Commerce Network Introduced Cucumber-based cross-systems end-to-end testing Cross-systems metrics gathering & analysis via Akka actor framework and Dashing.io Migration of legacy Resin applications to Tomcat cluster Numerous utilities (mongodiff, flowdock bot, Jenkins CLI, ...) written in Go	2015 - ... 2013 - 2015
	Freelance Consultant Script# / Grunt.js / RequireJS / Squire.js / QUnit.js / Karma / JavaScript Projects HTML5 einstants project (migration of Flash einstants games' core logic) Various tasks related to new Switzerland Lottery's online game LotoExpress	2014
	Software consultant @ Cronos (Belgium) Interwoven TeamSite consultancy in <i>BNP Paribas Investment Partners</i> Back-end (Java, Oracle, XSLT, Perl, Solaris) Front-end (jQuery, Ajax, Interwoven TeamSite and LiveSite, JSP) Projects Maintenance and evolution of global portal www.bnpparibas-ip.com Server Synchronization: tool for content synchronization analysis over Solaris systems	2011 - 2013
	Software Engineer II @ Gtech G2 Sports Betting (Serbia) Systems Integrations Team WARP framework core engineer: front-end (Script#) and back-end (C#) Projects Chile lottery players' portal: www.polla.cl Belgium lottery players' portal: www.e-lotto.be <i>DistributeWarpComponent</i> : developer tool, Visual Studio plugin (C# / Groovy) <i>CipDroid</i> : Android (read-only) client application for internal issue management system	2009 - 2011
	Software Developer @ Arius (Serbia) Java back-end developer of transaction systems Projects SMS Router Dispatching of bank notifications via SMSC / GSM modem Used JMS, Spring, IBM WebSphere v6, Oracle Mobile Recharge System Mobile top-ups Java server transaction application Artifact became deployable in JPOS Q2 and IBM WebSphere	2007 - 2009

¹ Details in appendix 6

² Details in appendix 7

Offline vouchers
 ATM integration with EuroNet
 Support for networks in Serbia, Bosnia, Macedonia and Nigeria
 Terminal Management System
 Evolutions of payment transaction system for POS terminals
 PCI/DSS-related development

Intern software developer @ ESAProjekt (Poland) 2006
 C# developer (*AlarmRouter*: application of iOmniscient video surveillance software for parking lots)

Talks (BeScala) Introducing a reactive Scala-Akka based system in a Java centric company 2015
<http://www.meetup.com/BeScala/events/220967046/> (with Jeroen Verellen)

Selected personal projects
 Personal Web site (www.milanaleksic.net)
 PostgreSQL 9, Tomcat, Spring 3 MVC, JPA2, jQuery/ jQueryMobile, LESS,
 Google Authenticator, Velocity, ReCaptcha, OpenID login with Facebook and Google,
 Web Service for MCS synchronization via optimistic replication (vector clocks),
 JGit for versioning & deployment of page contents,
 Full Chef-driven deployment on a *Radxa Rock Pro*, exposed via NoIP.com

NovinarnicaDownload (Scala, Akka, Spray.io)
 Content crawler, CBR packager of magazines from www.novinarnica.net

Raspberry Pi humidity & temperature station (Scala, Spray.io, JNI, PostgreSQL, Google Charts API)
 Using a breadboard, DHT22 sensor, WiFi

Movie Catalog System (www.milanaleksic.net/projects/mcs)
 Catalog program for movie collections for Windows and Linux (SWT, Hibernate, H2, ...)
 TMDB integration (find-a-movie, posters, IMDB links)
 Custom SWT components for UX, multi-master optimistic replication via vector clocks,
 Versioned database alteration and restoration from backup

baobab (milanaleksic.github.io/baobab/)
 JSON-to-SWT mapping and annotation-driven MVC GUI framework written in pure Java

WinLauncher (github.com/milanaleksic/winlauncher)
 Bootstrapping Windows application for Java (C++)

GCAnalyzer (www.milanaleksic.net/projects/gcanalyzer)
 Analyzing / graphing Java GC logs of Parallel and Serial GC (Groovy, JFreeChart)

MtsCheckAccount (www.milanaleksic.net/projects/mtscheckaccount)
 GUI application for executing USSD via AT commands on USB 3G modems
 Supporting modems ZTE MF622 and Huawei E1550 on Windows/Linux
 Groovy, Gnu RXTx, Maven 2

Collaborative Utilities Concept (www.milanaleksic.net/projects/cuc)
 Platform for integration of numerous (thirteen) tools (Java, SWT, Smack, JMF...)
 Including Jabber bot, scheduled SQL firing, ISO8583 message parser etc

Completed courses
 Oracle Coherence 3.6: Share and manage data in cloud 2011
 Coursera, Functional Programming in Scala (with Martin Odersky) 2012
 Coursera, Algorithms 1 & Algorithms 2 (with Robert Sedgewick) 2013
 Coursera, Pattern Oriented Software Architecture (with Douglas Schmidt) 2013
 10gen, MongoDB for Java Developers (M101J) 2013
 Coursera, Principles of Reactive Programming (with Odersky, Meijer & Kuhn) 2014

Awards
 Gtech Silver Building Excellence Award 2009
 Gtech Gold Building Excellence Award 2010

Certifications
 Oracle Certified Professional, Java Programmer 6 (OCPJP 6) 2011
 Oracle Certified Professional, Java EE 5 Web Component Developer (OCPWCD 5) 2011
 Oracle Certified Expert, Java EE 6 Java Persistence API Developer (OCEJPA 6) 2012

- [1] www.milanaleksic.net/public/cv-app1
Recommendation by prof. Igor Tartalja (Belgrade ETF)
- [2] www.milanaleksic.net/public/cv-app2
Recommendation by Rafal Dunal (internship in Poland)
- [3] www.milanaleksic.net/public/cv-app3
GTECH Silver Building Excellence Award
- [4] www.milanaleksic.net/public/cv-app4
GTECH Gold Building Excellence Award
- [5] www.linkedin.com/in/milanaleksic
My LinkedIn page with additional information, recommendations etc.
- [6] www.milanaleksic.net/public/cv-nostrification
De Gelijkwaardigheid van Buitenlandse diploma's en studiegetuigschriften met een Vlaamse academische graad
- [7] static.milanaleksic.net/external/cefr_en_overzicht_nt2_aanbod.pdf
Common European Framework of Reference for Languages and NT2 providers