

|                      |  |                            |
|----------------------|--|----------------------------|
| Personal information | Born on <b>21/12/1983, Smederevo (Serbia)</b> , living in <b>Koekelberg (Belgium)</b> since 2011<br>My web site is <a href="http://www.milanaleksic.net">www.milanaleksic.net</a> , email is <a href="mailto:milanaleksic@gmail.com">milanaleksic@gmail.com</a> and Twitter is: <a href="https://twitter.com/milanaleksic">@milanaleksic</a> .<br>I have <i>dual citizenship</i> of Belgium and Serbia.  |                            |
| Education            | <b>Dipl. Ing. Computer Science &amp; Engineering</b><br>University of Belgrade (Serbia), Faculty of Electrical Engineering (ETF)<br>"NARIC - Vlaanderen" recognized diploma as <b>M.Sc.</b> <sup>1</sup>   | 2008                       |
| Spoken lang.         | <b>Serbian</b> (mother tongue), <b>English</b> (fluent), <b>Dutch</b> (C1 Effectiveness 1 <sup>2</sup> )   |                            |
| Languages            | Java, Groovy, Go, Scala, JavaScript, SQL, MongoDB  |                            |
| Experience           | <b>Expert Java Engineer @ TomTom (Belgium)</b><br>Feature development and maintenance of various systems and applications in Core Mapping Unit   | 2017 - ...                 |
|                      | <b>Lead Software Engineer @ Basware (Belgium)</b><br><b>Senior Software Engineer @ Basware (Belgium)</b><br>Active full-stack development role on <a href="http://portal.basware.com">portal.basware.com</a> and internal services<br>Daily usage of plethora of new technologies: Play2, Scala, MongoDB, Spring, Chef, Go<br>Legal Archive: Java, AWS (CloudFormation, S3, Lambda, Glacier, SQS, SNS), Splunk<br>Invented cross-systems end-to-end testing (Norsu project: Groovy, Cucumber, Gradle)<br>Rewritten core validation business rules implementation (Java)<br>Cross-systems metrics gathering & analysis via Akka (Scala) and Dashing.io (Ruby)<br>Migration of legacy Resin applications to Tomcat cluster (Oracle, JSP, RMI, Ant, Tomcat, Apache2)<br>HAL9000 Flowdock bot (cross-referencing 100+ developers and Jenkins jobs) | 2015 - 2017<br>2013 - 2015 |
|                      | <b>Freelance Consultant (Gtech UK)</b><br>Support migration of einstants Flash to HTML5 (Script#, Grunt, RequireJS, Karma)<br>Various tasks related to new Switzerland Lottery's online game LotoExpress   | 2014                       |
|                      | <b>Software consultant @ Cronos (Belgium)</b><br>Interwoven TeamSite consultancy in <i>BNP Paribas Investment Partners</i><br>Full-stack maintenance of global portal <a href="http://www.bnpparibas-ip.com">www.bnpparibas-ip.com</a> (Java, Oracle, XSLT, Perl, JavaScript)<br>Server Synchronization: tool for content synchronization analysis over Solaris systems (Java)   | 2011 - 2013                |
|                      | <b>Software Engineer II @ Gtech G2 Sports Betting (Serbia)</b><br>WARP framework core engineer: front-end (Script#) and back-end (C#)<br>National Lottery Players' portals for Chile ( <a href="http://www.polla.cl">www.polla.cl</a> ) and Belgium ( <a href="http://www.e-lotto.be">www.e-lotto.be</a> )<br><i>DistributeWarpComponent</i> : developer tool, Visual Studio plugin (C# / Groovy)<br><i>CipDroid</i> : Android application for internal issue management system  | 2009 - 2011                |
|                      | <b>Software Developer @ Arius (Serbia)</b><br>Java developer of transaction systems<br>Dispatching of bank notifications via SMSC / GSM modem (JMS, Spring, WebSphere 6, Oracle)<br>Mobile top-ups Java server transaction application (MRS system: Java, JPOS Q2, WebSphere)<br>Offline vouchers project for Nigerian market (C, Java)<br>Evolution of payment transaction system for POS terminals (TMS system)  | 2007 - 2009                |
|                      | <b>Intern software developer @ ESAProjekt (Poland)</b><br>Usage of iOmniscient video recognition software for parking lots (C#)  | 2006                       |

---

<sup>1</sup> Details in appendix 6

<sup>2</sup> Details in appendix 7

|  |   |
|--|---|
| Selected open source projects  | Personal Web site ( <a href="http://www.milanaleksic.net">www.milanaleksic.net</a> , source: <a href="https://github.com/milanaleksic/man-website">github.com/milanaleksic/man-website</a> )<br>Simple static web site using: Hugo.io, AWS (CloudFront, S3, Certificate Manger), NoIP         |
|  | mongodiff ( <a href="https://github.com/milanaleksic/mongodiff">github.com/milanaleksic/mongodiff</a> )<br>Tool that reproduces insertions done in MongoDB, for demo sessions (Go)  |
|  | Igor ( <a href="https://github.com/milanaleksic/igor">github.com/milanaleksic/igor</a> )<br>"I am away" Flowdock bot (Go, Vue.js, Google+ API, AWS: CloudFront, Cognito, DynamoDB,<br>Full CD via Semaphore on git commit, uses   |
|  | Clici for Jenkins ( <a href="https://github.com/milanaleksic/clici">github.com/milanaleksic/clici</a> )<br>Customizable Jenkins ncurses-like command line tool to follow Jenkins jobs (Go)  |
|  | HostChecker ( <a href="https://github.com/milanaleksic/hostchecker">github.com/milanaleksic/hostchecker</a> )<br>Uses JSON DSL to verify expectations which a certain cluster of machines must fulfil (Go)  |
|  | Baobab ( <a href="http://milanaleksic.github.io/baobab/">milanaleksic.github.io/baobab/</a> )<br>JSON-to-SWT mapping and annotation-driven MVC GUI framework (Java)   |
|  | WinLauncher ( <a href="https://github.com/milanaleksic/winlauncher">github.com/milanaleksic/winlauncher</a> )<br>Bootstrapping Windows application for Java (C++)   |
|  | GCAnalyzer ( <a href="https://github.com/milanaleksic/gcanalyzer">github.com/milanaleksic/gcanalyzer</a> )<br>Analyzing / graphing Java GC logs of Parallel and Serial GC (Groovy, JFreeChart)  |
|  | MtsCheckAccount ( <a href="https://github.com/milanaleksic/mtscheckaccount">github.com/milanaleksic/mtscheckaccount</a> )<br>Java GUI application for executing USSD via AT commands on USB 3G modems<br>Supporting modems ZTE MF622 and Huawei E1550 on Windows and Linux (Groovy, Gnu RxTx) |
|  | Selected closed source projects   |
| NovinarnicaDownload (Scala, Akka, Spray.io, Google OAuth)<br>Content crawler and CBR packager of magazines from <a href="http://www.novinarnica.net">www.novinarnica.net</a>   |   |
| Raspberry Pi humidity & temperature station (Go, PostgreSQL, D3.js)<br>Self-soldered, uses a permproto board, solder, DHT22 sensor, WiFi   |   |
| Movie Catalog System (Java, Baobab)<br>Catalog program for movie collections for Windows and Linux (SWT, Hibernate, H2)<br>TMDb integration (find-a-movie, posters, IMDB links)<br>Custom SWT components for UX, multi-master optimistic replication via vector clocks,<br>Versioned database alteration and restoration from backup |   |
| Collaborative Utilities Concept (Java, Baobab)<br>Platform for integration of numerous (thirteen) tools (SWT, Smack, JMF...)<br>Including Jabber bot, scheduled SQL firing, ISO8583 message parser etc   |   |

|                   |  |      |
|-------------------|--|------|
| Talks             | (BeScala) Introducing a reactive Scala-Akka based system in a Java centric company<br><a href="http://www.meetup.com/BeScala/events/220967046/">http://www.meetup.com/BeScala/events/220967046/</a> (with Jeroen Verellen)         | 2015 |
| Completed courses | 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 |
| Appendixes        | [1] <a href="http://www.milanaleksic.net/public/cv-app1">www.milanaleksic.net/public/cv-app1</a><br>Recommendation by prof. Igor Tartalja (Belgrade ETF)   |      |
|                   | [2] <a href="http://www.milanaleksic.net/public/cv-app2">www.milanaleksic.net/public/cv-app2</a><br>Recommendation by Rafal Dunal (internship in Poland)   |      |
|                   | [3] <a href="http://www.milanaleksic.net/public/cv-app3">www.milanaleksic.net/public/cv-app3</a><br>GTECH Silver Building Excellence Award   |      |
|                   | [4] <a href="http://www.milanaleksic.net/public/cv-app4">www.milanaleksic.net/public/cv-app4</a><br>GTECH Gold Building Excellence Award   |      |
|                   | [5] <a href="http://www.linkedin.com/in/milanaleksic">www.linkedin.com/in/milanaleksic</a><br>My LinkedIn page with additional information, recommendations etc.   |      |
|                   | [6] <a href="http://www.milanaleksic.net/public/cv-nostrification">www.milanaleksic.net/public/cv-nostrification</a><br>De Gelijkwaardigheid van Buitenlandse diploma's en studiegetuigschriften met een Vlaamse academische graad |      |
|                   | [7] <a href="http://www.milanaleksic.net/public/cefr_en_overzicht_nt2_aanbod.pdf">www.milanaleksic.net/public/cefr_en_overzicht_nt2_aanbod.pdf</a><br>Common European Framework of Reference for Languages and NT2 providers       |      |