

Anton S. Kraievoy - Curriculum Vitae

Aim: seeking for Senior Java Developer / Java Technical Lead position

Personal information

- Birth date: 09/18/1982
- Experience: 7 years of experience in web/Java development and network computing areas
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- Contact phone: (+38) 093 141 24 59

Legend: currently being used, *not used recently*, *basic knowledge*

Professional skills

- Operating Systems: Debian/Ubuntu Linux, *CentOS Linux*, *Windows XP*
- Programming Languages: Java, JavaScript;
- Technologies: J2SE 1.6/1.5, J2EE 1.3, JavaScript 1.5;
- Development tools: IntelliJ Idea 9.0 (Ultimate), WireShark 1.2.2, *Eclipse*, *NetBeans*;
- Build tools: Ant 1.7, Maven 3.x, TeamCity 5.x, Hudson 1.2xx, *Cruise Control 2.1*;
- Deployment platforms: Tomcat/Jetty, Applets, *Web Start*, *Weblogic*, *JBoss*;
- Databases: H2, *Oracle 9i*, *MySQL*;

Application design, development and support skills

- OOA&D: GoF/J2EE patterns, communicate in UML, dependency management;
- Algorithm design: improving efficiency of and profiling existing software, *JProfiler 6*;
- XP/TDD: source maintenance, refactoring, unit/acceptance testing;
- Teamwork: XP/Scrup/*RUP*, tend to efficient, responsive, flat teams;
- Build management: multi-module maven/ant builds, continuous integration systems, *cross-repo merge-ins/replications*;
- Security: code signing, certificate chaining, secure hashing, *obfuscation*;
- Web Design: HTTP, HTML/CSS, *Graphics*, *Web Usability*;
- AJAX/DHTML: jQuery 1.4.2/jQuery UI, *DWR*, *JsHttpRequest*, *JS DOM*;
- Database design: schema design and versioning, *stored procedure development*;

Java programming experience

- J2SE core: rock-solid skills in collections, regex, concurrency, generics, reflection;
- Java GUI: AWT/Swing/Java2D + Prefuse, *JFree Chart*, *Jasper Reports*;
- ORM: *JPA/Hibernate*, commons-dbutils, raw JDBC with explicit transaction management;
- J2EE web layer: Spring-MVC + Servlets + StringTemplate/Velocity, JSP/Taglibs/Tagfiles, *Struts*, *JetSpeed*;
- J2EE backend layer: *EJB*, *JMS*;
- WebServices: REST+JSON, *AXIS*, *XFire*;
- IoC tools: Spring, *picoContainer*, *nanoContainer*;

Education / Academia

- M.S. at specialty "Business decision-making systems", Institute of Applied System Analysis of NTUU "KPI"
- Area of interest: complex networks, DHT-protocols and distributed data storage, resilience of distributed computing systems;
- Ph.D. research in progress: improving availability of large-scale distributed computing system via genetic/spectral algorithm;
- list of publications is available upon request;

Languages

- English – comfortable reading of programming/general English sources, decent written English, spoken improvable in quite short times;
- Russian - native tongue

| Employment History | | |
|-------------------------|--|---|
| Time | Employer/Position or Project: Responsibilities/Technologies | |
| 2010.10 - 2011.02 | EPAM | Trainer (part-time) |
| | Java Crash Course: developing and performing Educational Course for Java Juniors | VNC + Freemind + ELW (see below) |
| 2009.09 - 2011.05 | Dept. of Math. Methods of System Analysis; IASA, NTUU KPI | Assistant (full-time) |
| | ELW: design, development, maintenance of simple docserver with approval/scoring functions (code snapshot is available upon request); | Spring-MVC/Velocity, lightweight NOSQL-ish JSON-based file persistence layer |
| | holonet: design and development of a platform for statistical and discrete-event simulation of complex networks and DHT protocols, genetic/spectral optimizations of networks with up to 4k nodes (code snapshot is available upon request); | Swing, Spring, JDBC over H2; |
| 2007.01 - 2011.04 | codebistro.com | Project technical leader (telecommute, part-time) |
| | XRFiles/XRSend: development and maintenance of X-Ray/MRT peer-review web-application; | JQuery/REST, Spring-MVC/Velocity, JPA over H2; |
| | Glider/BQuick-NG: development and maintenance of successive versions of BQuick: striped streaming, interleaved asynchronous JSON/binary network protocols; | JQuery/REST, Spring-MVC+Velocity; |
| | BProof: maintenance of pre-publishing review/approve web-application; | Swing, Google Protobuf, Spring-MVC+Velocity; |
| | BQuick transfer manager: design, development, maintenance of distributed media streaming application; | Servlets, picoContainer, xFire, HttpClient, lots of handcrafted middleware (own remoting/persistence, webstart/singleinstance analogs); |

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|---------------------------------------|---|---|
| 2006.06 - 2006.10 | Incom | Java developer / Build manager (full-time) |
| | Kyivstar SelfCare Portal: bugfixing, build management (continuous integration, automatic test platform deployment). | J2SE 1.5, Struts 1.0.3, Oracle 9i, Sun Solaris, CruiseControl, Ant, XSL. |
| | Resource Manager: simple Swing database front-end, which was (the db) integrated with CruiseControl SourceControl interface. 100% adopted by the team. | Swing + JDBC over Oracle 9i |
| 2004.01 - 2006.06 | Vested Development, Inc. | System Architect / Java developer / Build manager (full-time) |
| | Lighthouse project management portal: Implementation of several modules in distributed international project. Reasonable contribution to build management process and overall code quality and stability. | J2EE 1.3 (Servlets, JSP, JetSpeed, Turbine, EJB), Oracle 9i, Linux, CruiseControl, Jakarta POI, Jasper Reports. |
| | Lighthouse PM portal extensions: Estimations of project schedule, costs and risks, creation of design proposals, successfully completed implementation and QA phases. | Same as above |
| | Lighthouse Requirement Management module: rewrite of a module previously performed by India-based ISV subcontractor, heavy use of AJAX and POI, successful presale, development, integration and QA phases. | Same as above |
| | Lighthouse Testing module: successful presale and implementation design phases. | Same as above |
| | Lighthouse Custom Reporting module: Led a team of 3 developers during prototype phase, was responsible for estimations, requirements scope and technical solutions. Successfully completed the phase. | Same as above |
| 2004.05 - 2004.01 | Ciklum Ltd. | Java Developer (full-time) |
| | InfoSuite (ExcelData): Design, development and bug fixing of modules used as replacements for several old modules. | J2SE 1.4, Swing, custom DOM-based XML API |
| 2004.02 - 2004.05 | rentacoder.com | Designer / Java Developer / Technical Writer (freelance) |
| | TOM: Wrapping socket stream based communication protocol into web service in an existing software project. | J2SE 1.4, JAXP(DOM/SAX), AXIS, Swing, Java 2D, Java Web Start |
| | Chord: Redesign and extension of simulation system used to validate/profile peering network protocols. | Core Java 2 |
| | SixSigma: Math core of portal system that was to be used for statistical processing and analysis of business data. | Core Java 2 |
| | CakeFight: Design and development of Swing-based game Applet with dynamic classloaders. | Swing + Applets |
| 2003.01 - 2004.02 | Academic research | Java Developer / Maintainer (part-time) |
| | Network traffic engineering software package with temporal network structure synthesis capability. Full development cycle w/o long-term maintenance, but with extensive profiling for performance. | J2SE 1.3.1, Swing, JUnit, JDBC/ODBC bridge, Paradox DB |
| 2003.07 - 2003.01 | Dev Zero G Ltd. | Java Developer / Maintainer (full-time) |
| | PrintSure: Pre-flight checking solution. Development/unit-testing. | J2SE 1.3.1, Java Servlets/Applets, Struts, Java ImageIO, PostgreSQL. |
| | SiqoCMS: JSP-Based Content Management System. Development/unit-testing/maintenance. | Same as above - ImageIO |
| | FlatPlan: JSP-Based preprint management solution. Development/unit-testing/maintenance. | Same as above - ImageIO |