

# Igor Y. Pavin

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## Senior java backend developer Software Architect

### Objective:

To obtain Senior Java Backend Software Engineering / Software Architect position where I can effectively contribute my skills and experience.

### Professional Summary:

Java backend is my primary focus since 2003 and the experience I've gained helps me to solve many complex problems and tasks.

### Technical skill set:

#### Languages:

- Java (Java11)
- Javascript

#### Technologies and frameworks:

- JSE, JEE
- Spring-boot 2 / Spring framework
- Microservices
- REST
- Docker, Docker-Compose
- Grafana, Graphite
- Protobuf
- JDBC, JPA/Hibernate, Flyway, Liquibase
- AOP (AspectJ)
- Junit, AssertJ, Mockito, TestNG
- JSF(Richfaces/A4J), Facelets, jQuery, JSON
- WebServices(JAX-WS, JAX-RS, CXF)

- JMX, JSP/Servlets, ESB, JMS, JDBC, EJB, JNI
- HTML/CSS

### **Databases:**

- Oracle, MySQL, PostgreSQL, HSQLDB
- Apache Cassandra

### **Build tools:**

- Maven, Ant

### **Version control systems:**

- Git

### **Other:**

- Tests coverage tools (JaCoCo, Emma, Clover)
- Sonar, Findbugs, Checkstyle, PMD
- Jenkins, Concourse-CI, Hudson, Cruisecontrol
- Atlassian JIRA/Confluence/FishEye/Crusible
- Github/Gitlab/Bitbucket

## **Education:**

September 1994 – July 1999

Donetsk State Technical University. Computer science specialist degree.

## **Employment:**

May 2017 – Current time

"#Place" — senior java engineer

Activities and responsibilities:

- Architectural concepts workout
- JEE developement

Apr 2016 – Apr 2017

"Dubit Limited" — senior java engineer

Activities and responsibilities:

- Architectural concepts workout
- JEE developement

June 2015 – Mar 2016

"Crossover" — software architect

Activities and responsibilities:

- Architectural concepts workout
- JEE-development

#### September 2007 – May 2015

“Exadel” - senior java developer/tech leader.

Activities and responsibilities:

- JEE-development

#### December 2003 – August 2007

“Singles Ltd.” - software architect/lead java developer.

Activities and responsibilities:

- Architectural concepts workout
- JEE-development

#### March 2002 – November 2003

“Algo-rithm” LLC - developer.

Activities and responsibilities:

- JEE-development
- Web-development

## **Projects:**

### **As #Place employee (May 2017 — Current)**

<b>Slot machines backend</b>	
<b>Description:</b>	Backend for multiple software slot machine clients. It performs slot data generation, user account management (top up/withdraw), transparent balances caching to lower database load. Also supports two protocol versions and translation between them for legacy clients. Slots are defined in a declarative way (YAML-like DSL) to ease modification for non-technical people.
<b>Technical base:</b>	Java, Spring-boot, Docker, Grafana, Graphite, Flyway
<b>Position:</b>	Senior Java Developer/Architect
<b>Platform:</b>	Linux

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**As Dubit Limited employee (Apr 2016 — Apr 2017)**

<b>MBC3 kids entertainment portal</b>	
<b>Description:</b>	Microservices-based backend handling mobile entertainment application requests (in-game purchases, gifts, mystery boxes, avatars, etc).
<b>Technical base:</b>	Spring-boot, Docker, PostgreSQL, Liquibase, Swagger UI, Velocity
<b>Position:</b>	Senior Java Developer/Architect
<b>Platform:</b>	Linux

**As Crossover employee (June 2015 — Mar 2016)**

<b>Aurea's Actional Management Server</b>	
<b>Description:</b>	Java/.NET applications performance analytic software.
<b>Technical base:</b>	Java core, JSP, javascript, Jetty, Ant
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Linux+Windows

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## As Exadel employee (September 2007 — May 2015)

TD VEO One	
<b>Description:</b>	Financial advisory and analytics service.
<b>Technical base:</b>	Springframework 3, Hibernate 4, Dozer, Mockito, Junit 4, Oracle, Tomcat 7
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Crossplatform
CircleBlack	
<b>Description:</b>	Financial online monitoring tool which calculates securities returns, portfolio performance, risks, etc.
<b>Technical base:</b>	WSO2ESB 4.0.8, WSO2DSS 3.1.1, Apache Cassandra 2, Apache Tomcat 7, Mysql 5.6, Liquibase
<b>Position:</b>	Senior Java Developer / Team lead
<b>Platform:</b>	Crossplatform
bTrade Secure Xchange	
<b>Description:</b>	Java-based secure data transfer middleware (files, messages, etc.) via secure FTP, SFTP, HTTP-S/MIME protocols
<b>Technical base:</b>	Jboss AS7, JEE, JSF + JBoss Richfaces, Jboss Seam 2, Hibernate 3, Junit 4, Arquillian
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Linux + Windows
McKesson HealthCare IDM	
<b>Description:</b>	Intranet identity management security solutions (identity management for intranet users).
<b>Technical base:</b>	Javascript, JSP, OpenAM 10, OpenIDM 2.1.0, OpenDJ 2.5.0, Apache Tomcat, Nginx, MySQL, MS ActiveDirectory
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Linux + Windows
Hewlett-Packard Cleansheet	
<b>Description:</b>	Products catalog and online store for HP company website.
<b>Technical base:</b>	Springframework 3, AOP, Hibernate 3, Oracle, SDL Tridion, Weblogic
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Linux + Windows

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<b>NextWave eNewsletter (Multi-level marketing engine)</b>	
<b>Description:</b>	MLM-software with partnership program support. Mailing and newsletter design.
<b>Technical base:</b>	Springframework 3, JMX, Hibernate 3, MSSQL, Tomcat 5
<b>Position:</b>	Technical lead / Senior Java Developer
<b>Platform:</b>	Crossplatform
<b>DriveDev (PayPal Enterprise Portal/PayPal Dual Controls)</b>	
<b>Description:</b>	PayPal portal where enterprise users can control their accounts (balances, payments), perform payments and control different financial activities.
<b>Technical base:</b>	Springframework 3, Spring-security 3, Spring-webflow 2, JSF 1.2/A4J/Facelets, jQuery, Hibernate 3, Oracle XE, Tomcat 5
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Crossplatform
<b>Deutsche Bank Openadaptor</b>	
<b>Description:</b>	JMX-controlled customized middleware system similar to existing ESB-solutions.
<b>Technical base:</b>	Springframework 3, Spring-security 3, JSF 1.2/A4J/Facelets, JavaFX 1.2, jQuery 1.3, Hibernate 3, Oracle XE, Tomcat 5
<b>Position:</b>	Architect/Team Leader/Senior Java Developer
<b>Platform:</b>	Crossplatform
<b>Golden Gate University Path2Complete</b>	
<b>Description:</b>	Course attendance forms management system. Includes support for the student, advisor and administrator.
<b>Technical base:</b>	Springframework 2.5, JSF 1.2/A4J/Facelets, jQuery, Hibernate 3, Oracle, Tomcat 5
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Crossplatform
<b>Exadel E7</b>	
<b>Description:</b>	Flow design/control system. Includes eclipse-based GUI and set of JBPM action-handlers.
<b>Technical base:</b>	JBPM, Drools, JAX-WS, JAX-RS, Jboss AS
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Linux + Windows

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<b>ABNAMRO MaxTrad</b>	
<b>Description:</b>	System for small credit processing. Operates documents of the following types: Letter of Credit, Amendment, Inquiry.
<b>Technical base:</b>	GWT, EJB, Tomcat
<b>Position:</b>	Senior Java Developer
<b>Platform:</b>	Crossplatform
<b>Deutsche Bank Mutual Funds IPS</b>	
<b>Description:</b>	Invoice processing system for Deutsche Bank. Part of the Deutsche Bank internal automation system.
<b>Technical base:</b>	Springframework, Apache, Tomcat, Oracle, Hibernate, JSF
<b>Position:</b>	Java Developer
<b>Platform:</b>	Clustered tomcat configuration, Linux

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**As Singles Ltd. employee (December 2003 — August 2007)**

<b>Payments processing site (<a href="http://payments.world-dating-partners.com">http://payments.world-dating-partners.com</a>)</b>	
<b>Description:</b>	It's a part of the partnership sites of the dating sites partnership network (see below). This site is intended to be a credit card payments accepting part. It utilizes the services of the CyberSource ( <a href="http://cybersource.com">http://cybersource.com</a> ) payment provider.
<b>Technical base:</b>	Springframework, Apache, Tomcat, Oracle
<b>Position:</b>	Architect/Tech Lead
<b>Platform:</b>	Clustered web-server configuration, Linux
<b>Web content building module</b>	
<b>Description:</b>	<p>The JAR-library/ANT-task which performs the build of the ad-hoc organized web content of the partnership network partner sites. The "ad-hoc" organization of the content includes such features as:</p> <ul style="list-style-type: none"><li>• inheritance of the web content (JSP, styles, images, js-scripts, mail templates) from one site by another;</li><li>• overriding of the inherited web content.</li></ul>
<b>Technical base:</b>	JSE, Ant, TestNG, AspectJ, JNI
<b>Position:</b>	Lead developer/System architect
<b>Platform:</b>	Linux + Windows
<b>Worldwide dating site with the partnership network. (<a href="http://singlescrowd.com">http://singlescrowd.com</a>)</b>	
<b>Description:</b>	<p>Dating site where the people can find their match. The system has such features as:</p> <ul style="list-style-type: none"><li>• IM-chatting</li><li>• Rich criteria matching mechanism</li><li>• Powerful partnership network</li></ul>
<b>Technical base:</b>	Springframerwork, Tomcat, Apache, Web services, Oracle
<b>Position:</b>	Lead developer/System architect
<b>Platform:</b>	Clustered web-server configuration, Linux

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<b>Partnership program administrative area for sites registered in  “Singlescrowd Partnership Network” and “Adultcrowd Partnership Network”.</b> <b><u>Inactive at the current moment (<a href="http://d-admin.world-dating-partners.com">http://d-admin.world-dating-partners.com</a>)</u></b>	
<b>Description:</b>	Partnership program administrative area for “ <i>Singlescrowd Partnership Network</i> ” and “ <i>Adultcrowd Partnership Network</i> ” (Inactive at the current moment)
<b>Technical base:</b>	<i>Tomcat, JBoss, MySQL</i>
<b>Position:</b>	Developer
<b>Platform:</b>	Clustered web-server configuration, Linux
<b>Partnership program registration site for  “Singlescrowd Partnership Network” and “Adultcrowd Partnership Network”.</b> <b><u>Inactive at the current moment (<a href="http://dating.world-dating-partners.com">http://dating.world-dating-partners.com</a>)</u></b>	
<b>Description:</b>	Partnership program registration sites for “ <i>Singlescrowd Partnership Network</i> ” and “ <i>Adultcrowd Partnership Network</i> ” (Inactive at the current moment)
<b>Technical base:</b>	<i>Tomcat, JBoss, MySQL</i>
<b>Position:</b>	Developer
<b>Platform:</b>	Linux

## Interests and hobbies:

- Digital photography and studio photography;
- Functional languages;
- Distributed and high-load architectures;