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 (Java 11)
- Javascript

Technologies and frameworks:

- JSE, JEE
- Spring-boot 2 / Spring framework, Spring-cloud
- Microservices
- REST
- Docker, Docker-Compose
- Grafana, Prometheus
- Protobuf
- JDBC, JPA/Hibernate, Flyway, Liquibase
- AOP (AspectJ)
- Lombok
- 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

<u>June 2015 - Mar 2016</u>

"Crossover" — software architect

Activities and responsibilities:

- Architectural concepts workout
- JEE-development

<u>September 2007 – May 2015</u>

"Exadel" - senior java developer/tech leader.

Activities and responsibilities:

- JEE-development

<u>December 2003 – August 2007</u>

"Singles Ltd." - software architect/lead java developer.

Activities and responsibilities:

- Architectural concepts workout
- JEE-development

<u>March 2002 – November 2003</u>

"Algo-rithm" LLC - developer.

Activities and responsibilities:

- JEE-development
- Web-development

Projects:

As #Place employee (May 2017 — Current)

Slot machines backend	
Description:	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.
Technical base:	Java, Spring-boot, Docker, Grafana, Graphite, Flyway, Lombok
Position:	Senior Java Developer/Architect
Platform:	Linux

As Dubit Limited employee (Apr 2016 — Apr 2017)

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

As Crossover employee (June 2015 — Mar 2016)

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

As Exadel employee (September 2007 — May 2015)

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

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

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

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

Payments processing site (http://payments.world-dating-partners.com)	
Description:	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 (http://cybersource.com) payment provider.
Technical base:	Springframework, Apache, Tomcat, Oracle
Position:	Architect/Tech Lead
Platform:	Clustered web-server configuration, Linux
Web content building module	
Description:	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: • inheritance of the web content (JSP, styles, images, js-scripts, mail templates) from one site by another; • overriding of the inherited web content.
Technical base:	JSE, Ant, TestNG, AspectJ, JNI
Position:	Lead developer/System architect
Platform:	Linux + Windows
Worldwide dating site with the partnership network. (http://singlescrowd.com)	
Description:	Dating site where the people can find their match. The system has such features as: • IM-chatting • Rich criteria matching mechanism • Powerful partnership network
Technical base:	Springframerwork, Tomcat, Apache, Web services, Oracle
Position:	Lead developer/System architect
Platform:	Clustered web-server configuration, Linux

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

Interests and hobbies:

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