

Ivan Brel

Jun, 14, 1981

Java Architect
IBA, IS department



PROFESSIONAL PROFILE

- ◆ Java/Web architect with 15 years of experience in the software application development.
- ◆ Perfect understanding of all stages of software development process.
- ◆ Skilled in design/architecture, data modeling, and translating customer needs into software solutions.
- ◆ Has an experience in optimizing and refactoring legacy code, cloud computing.

SKILLS SUMMARY

Programming Languages: Java, C/C++, Delphi, SQL, JavaScript, Python, Smalltalk, XML, XSL, XSLT, HTML, DHTML

Web Technologies: J2EE, JSF, JSP, XTP, JavaScript

Application Servers: IBM WebSphere, Tomcat, LWI, Resin

Databases: DB2, Oracle, MySql

Operating Systems: Windows NT/2000/XP, AIX, Linux

Other Skills: XP, UML, RAD 7, WSAD 5, Eclipse, SVN, CMVC, CVS, Ant, JUnit, JDBC

Foreign Languages: English Advanced Good operational command of a language in a wide range of real world situations

PROFESSIONAL EXPERIENCE

Java/Web Architect

IBA, IS Department

May 2006 – Present

Team Lead, Architect

Creating system configuration for ordering server in IBM. The IBM System Planning Tool (SPT) is a browser-based application that helps design system configurations; it is particularly useful for designing logically partitioned enables to plan a system based on existing performance data or based on new workloads.

Responsibilities:

Managing work of the team:

- Gui design
- Coding
- Managing interaction of team players (developers, analysts)
- Analyzing and discussing core specifications
- Estimating efforts for change requests, controlling tasks implementation
- Consulting developers regarding technologies and technical solutions for specific tasks, code review
- Implementation of some application components (including framework), code refactoring
- Interacting with Project Manager on customer side (planning team work, setting priorities, preparing reports)

Environment:

Java 1.6, J2EE, LWI server, JSP, JSF
XML, XSL

Sr. Developer

IBA, IS Department

Nov 2003 - May 2006

Sr. Developer

The goal of the project was to upgrade out-dated legacy MES system on a modern 3-tiered J2EE application. Overall amount of classes on project was more than 20 000 classes (more than 3'200'000 loc) before the completion (without ones generated by OR-mapper or other automated tools). It works with DB that has more than 400 tables. The project based on IBM eBiz Framework.

Responsibilities:

Managing work of the team:

- Application support; implementation of change requests
- Designing sql architectural solutions
- Designing and developing framework components for DB operations

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- Defining tasks for developers
- Low-level design for solutions of specific problems and tasks
- Implementing some core application components
- Working with IBM customers
- Application support; implementation of change requests
- Designing sql architectural solutions
- Designing and developing framework components for DB operations
- Defining tasks for developers
- Low-level design for solutions of specific problems and tasks
- Implementing some core application components
- Working with IBM customers

Environment:

J2EE, WebSphere Application Server, WebSphere MQ, DB2, EJB, JDBC, XML, Castor, Swing (components, models, events, actions, etc.). Using MVC (Model-View-Controller) paradigm

Java/Swing Architect

Nov 2003 -May 2006

Team Lead, Architect

Science Soft

The main idea of this project was to get data from exchange and based on some customer criteria group and save it.

Responsibilities:

Managing work of the team:

- Interacting with customer, analyzing business requirements and discussing required functionality, creating specifications for the system, designing system architecture (high- and low-level)
- Designing and developing Java classes, Swing components.
- Refactoring of some Swing classes to improve performance.
- Performance optimization (SQL optimization, EJB and JDBC optimization)
- Refactoring code written by other developers to make it more clean, reliable, high-performing
- Application support; implementation of change requests

Environment:

Java, Swing, Tomcat, MySql, SQL, Rational Rose, UML

Sr. Developer

Mar 2000 – Nov 2003

Sr. Developer

The main idea of this application is receive and send emails. System was developed with using package javamail1.3. It gets information from two sources, mailserver and database. Application was added to site of Belarusian State University of Information Science and Radio Electronics

Belarusian State University of Information Science and Radio Electronics

Responsibilities:

- Designing and implementing core components and classes
- Personally implemented the workflow component, that was state aware and allowed user to navigate backward/forward through not yet committed pages
- Implemented lightweight HTML templates engine; the principle was close to ASP/JSP.

Environment:

Rational Rose, Resin, JSP, JavaScript

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EDUCATION and TRAINING

- ◆ Master degree in systems engineering in Belorussian State University of Information Science and Radio Electronics, Minsk.
- ◆ Master degree in managing foreign economic activity in Belorussian Economy University