**FRANK ZANES**

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**SUMMARY:**

Specialized in development of Java-based web applications and J2EE technologies

* *Programming Languages:* Java /J2EE, C++, VB /MS Access /VBA
* *IDE*: Eclipse for Java EE developers, NetBeans IDE 6.5, JDeveloper 10g (10.1.3.5.) and 11g ((11.1.1.7.0)
* Frameworks: JSF2.0 /Facelets, Oracle ADF, Spring MVC, Apache Struts, Maven, Java Swing
* *Web development*: Hibernate, JPA, DAO, EJB3, Managed Beans (Backings), JDBC, HTML, JSP /Servlets, JSTL, JavaScript, jQuery, JSON, XHTML, Prime Faces, Rich Faces 4.22, Grails /Dojo, XML /XSLT, CSS, Perl, Web Services, Macromedia Flash, Vaadin client-side
* Application servers*:* WebLogic v.10-3-5, JBoss 4.0, GlassFish v2, Tomcat 5.5 /6.0, IBM WebSphere v.8.0
* *RDBMS*: Oracle10g EE, Oracle 11g, Sybase, MySQL 5.5, MS SQL Server 2005, IBM DB2 v.9.7
* *OS:* Windows 10 /8.1 /7 Pro, UNIX /Linux
* *Reports:* Java JasperReports, iReport Designer

**CERTIFICATION:** https://www.brainbench.com/images/certlogo/color/cert/java8.gif   ****

* Java 8, Brainbench authority, **08/31/2015, brainbench.com online Transcript ID#:** **12832149**
* Java 2 Fundamentals, Brainbench authority
* CompTIA Network+
* CompTIA A+

**WORK EXPERIENCE:**

**Ural-ILIKS 04/2015 - present**

**Web Developer Centreville, VA**

* Developing an e-commerce website from the scratch based on HTML /PHP /CSS and HTML5

/CSS3 pages. Integrated osCommerce system (v.2.3.4) as an online shop e-commerce solution and store to

sell products. Used JustHost web hosting provider’s platform on Linux OS with all its enhanced cPanel

Control, FTP Access, Web File Manager, Security, Multimedia, and Code Editing systems.

* Implementing Amazon Product API as a specified client for the Amazon EC2 by using Node.js (server- side JS)

library and Java SOAP /WSDL to access Amazon web services.

* Used various JavaScript functions, JSON data, and Ajax /jQuery event handlers for events to the

selected elements. Implemented jQuery EasyUI plugins and its easyui- base layouts, menu, forms,

and other complex components like comboboxes and datagrids to build web pages easily.

* Installed and configured MS SQL Server 5 database system which managed by online phpMyAdmin.

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**Managed Staffing /Raytheon 06/2014 – 06/2014**

**Sr. Java Developer Sterling, VA**

* Coded functions for searching data in a Java web application (on company’s eSmart architecture) using the Java

Vaadin framework technology and its Client-Side composite components on JSP (executing on Tomcat 7.0 AS).

* Used remote Eclipse IDE on Linux machine as virtual desktop located on eSmart iCloud Client system.

Installed required Vaadin and Apache IvyDE plugins on Eclipse and Vaadin development structure environment

as a set of all necessary library JARs, including Vaadin client compiler.

* Created Vaadin custom themes to control appearance of user interfaces.

**EMSI Engineering 02/2014 - 05/2014**

**Java Developer Manassas, VA**

* Developed Proctor program module to the existing Concrete Compressive Testing Application.

Upgraded the application by fixing bugs and all errors aroused on JSP /Servlets, JSTL, Java Beans,

MySQL / Apache Tomcat AS environment systems.

* Trained and mentored a junior programmer in programming methodologies and best practices to write codes for supporting the Java-based application.

**Centuria Corp. /USDA, Forest Service 04/2013 – 11/2013**

**Sr. Java Developer Herndon, VA**

* Fulfilled tasks in Java for fixing bugs on existing User Management Application (UMA), which is one of

Forest Service I-Web enterprise architecture complex. Used JDeveloper 10g and Oracle ADF for modeling

server’s side business logic - Oracle business components (persist able entities, view objects, and application

module) and for wiring them (binding the data) with the client’s side view-controller components based on bean

objects and .JSPX /JS /jQuery script tags.

* Developed backend supporting codes in Java as modification for a FY End Process Application of the I-Web

structure (transported data from the database as Java objects and in parallel converted them into the JSON

objects for further using in the JSP /jQuery-Gantt UI (Gantt chart implementation from the data of the JSON

file). Used JDeveloper 11g /Oracle ADF for actual work.

* Prepared accessing systems certification processing scripts (to get quarterly feeding reports for Natural Resource

Management (NRM) of the Forest Service) using Java interface parsers program for standard formatting and

data loading. The data will be used in User Access Certification Systems (UACS) (part of the I-Web).

* Used the CVS and SVN version control systems.

**TCS /Freddie Mac 04/2012- 03/2013**

**Sr. Java Developer McLean, VA**

* Developed full cycles of Delinquency Reporting, BPO Tracking, BPO Prior Value Comparison, Search for

Loan, and Pre-Workout Closed Loans frame modules built onto enterprise architecture structure as part of

Freddie Mac corporate’s largest Pricing and Securitization Project.

* Used Eclipse IDE by enabling the Web Tools Platform (WTP) to support the JSF 2.0 MVC framework.
* Defined Model beans (business logic) and created DAO (data access object) classes with the properties and

methods for CRUD-operations with the EDR tables of the Sybase database. Updated the DAO to use Prepared

Statement instead of simple Statement. Created all the related local DAO interfaces which define the methods.

Used the EJB container for system-level services, such as transaction management and security authorization.

* Defined managed (backing) beans and used managed bean and scope annotations to configure them. Data are

wired between backing beans and Facelets (.xhtml view pages).

* Used JSF Facelets and HTML tag libraries, JSTL core and functions, RichFaces and Ajax tags, as well as

jQuery and JS interactions for the front-end implementation, validation, and components wiring.

* Created and designed master /sub JasperReports using Jasper Assistant /iReport Designer reporting engine on

top of the Eclipse’s plug-in architecture.

* Developed and installed Maven scripts with all necessary dependencies and local repository settings (pom.xml

files) to build Facelets root structure and project packages and libraries.

* Used Agile methodology for modeling software development, with cross-functional rapid delivery methods

and iterations (time-boxes) to release the working software with minimal bugs.

* Used DAO, MVC, Factory, Composite, Iterator, and Singleton Java design-patterns as the best practice solutions

and common reusable platforms in the Object-Oriented Programming.

* Participated in development of Grails application (with automatically generated domains) plus Dojo toolkits.

**Quadrant /Dynamic Technology Systems 02/2012- 03/29/2012**

**Java Systems Analyst Alexandria, VA**

* Participated in development of company’s US Army Publishing Directorate project – Publications

Content Management Program (APD- PCMP).

* Developed (data modeled and coded) Java Swing JFrames /JTables as ones of endpoint library forms for

managing published Army documents – repository sources, which reachable by application’s Web services.

* Analyzed and corrected JSPs /Servlets based on JSTL tags, Spring MVC, and IBM systems: RAD, FileNet,

WebSphere, and DB2.

**EMSI Engineering 11/2008- 02/2012**

**Java Developer Manassas, VA**

* Developed Concrete and Soil Testing applications, which consist of two main engineering testing modules: for classification of soils and for data processing of concrete compressive /flexural strengths.
* Created Java Swing desktop program (Java Swing frames interacted directly with the JDBC /MySQL database system) and Java Web-based program (used Hibernate for data persistence, Spring MVC, JSP /Servlets, JSTL, Java Beans, Oracle 10g EE, and Apache Tomcat / GlassFish v2 ASs). Utilized both J2EE design-pattern approaches (models 1 and 2) to control business

logic (high data calculations /manipulation on daily engineering testing).

* Wrote JS / jQuery functions on web pages for enhancing field components. Used Ajax for populating combo-boxes and other

text fields on web pages.

* Configured and administrated Oracle 10g EE and MySQL database servers. Created all relational tables and

SQL statements.

* Installed and configured Apache Tomcat 5.5 /6.0 application servers (with integrated Java Hudson tool, which supports

Apache Maven).

* All logic source codes wrote on NetBeans IDE 6.5.1 /6.8, with embedded Ant commands and servers.

**LIKS Int’l 05/2004- 11/2008**

**Web Developer Fairfax, VA**

* Developed custom admin and integrated e-commerce systems with HTML /PHP and JS functions to modify

the company’s sub domains. MySQL database system managed by online phpMyAdmin and cPanel tools.

Used advanced Macromedia Flash technologies for managing video files.

* Participated in development of Stock Trade System project built on Java /J2EE, JSP /Servlets and Struts web framework. Used Web Services (XML-based middleware components), that accessed over Http/ SOAP /WSDL.
* Utilized J2EE SDK tools and issued web reports with functionalities to navigate, change, and download data into Excel spreadsheets.
* Installed and configured MS SQL Server database and JBoss 4.0 AS. All source codes wrote on Eclipse IDE with plug-ins.

**Bull’s Eye Software LLC 10/2003- 03/2004**

**MS Access /VBA Developer Derwood, MD**

* Developed Accessibility Tracking Database System application for Department of Public Welfare, Bureau of Managed Health

Choices based on MS Access /VBA. Defined accessibility tracking requirements to the

department’s large database system and implemented complex SQL queries for interacting with the system.

* Created a program for choosing and tracking capabilities, with printable reports of recommendations for people with disabilities

(designed as one multiple-page form (with sub forms and control properties)).

* Developed relational database management system and wrote source codes (functions) in modules.

**EDUCATION:**

* 1980 MS in Civil Engineering, Ural State Mining University, http://www.ursmu.ru/english.html.

Diploma evaluated in Education Int’l, Wellesley, MA, USA

* 1990 Central Patent Institute, Moscow, Patent Engineer diploma.
* 2000 Computer Education Center, Arlington, VA