**Mirza Secerbegovic**

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# Profile

Mirza is an innovative, creative and analytical professional with knowledge in web, batch, service development using latest technologies. Mirza has over 12 years of experience in all aspects of SDLC, including solution architecture, prototyping, analysis, design (System/OO), development, deployment, testing, documentation, direct customer interaction, implementation and maintenance of application software in web-based environments, as well in call centers.

***Education***

Electro Technical University Tuzla, Bosnia and Herzegovina, Electrical Engineering

Bachelor of Science*,* Information System and Software Engineering, University of Phoenix.

***Employment History***

OnCore Consulting, Inc., Manager, November 2014 -

Accenture LLC, Assistant Manager, September 2011- November 2014

Accenture LLC, Senior System Analyst, December 2008 - August 2011

# Computer Technology Skills

**Languages:** Java, C#, .Net, SQL, Bash Shell, JavaScript, JQuery, GWT, Angular2/4, XML, XUL.

**Java Technologies:** JDK, JRocket/1.5/1.4/1.3/1.2/1.1, J2EE, EJB, Servlets, JSP, JDBC, RMI, JavaBeans, Spring, SOAP, Hibernate, SAML2, Spring Batch, Spring Integration, Thymeleaf, Angular, JSON, Jenkins

**Business Rule Engines**: IBM ILOG, Oracle Business Rule Engine

**Development Tools:** Git, ClearCase, Dimensions, Junit, Log4J, Maven, Ant, Eclipse, IntelliJ, Jenkins, FogBugz.

**Web/Application Servers:** Tomcat, JBoss, Apache, Geronimo, Jetty, IIS.

**Databases:** MS-Sql Server, MySql Server, Oracle, MS Access Databases, T.O.A.D for Oracle

**Reporting Tools:** Adobe Reports,Hyperion, Crystal Reports, JasperReports

**Version Control:** Git, ClearCase, Dimensions CM, ButBucket

**Operating Systems:** Mac OS X, WIN 9X, XP, NT, 2000, 2003, 2008, Linux (SuSe, Ubuntu), Raspbian, UNIX, MS-DOS.

**Selected Experience**

**OnCore Consulting, Inc., Sacramento, California (11/2014 – )**

**Solution Architect/Technical Analyst/Business Analyst**

Worked closely with client to solution Business Processes and established Business Rules needed to integrate with COTS Pension Solution product.

Analyzing and redesigning COTS Pension Solution product to support client needs and working on Proof of Concept delivery with product owners. Evaluating functional coverage within COTS Pension Solution product and level of customization needed to support client needs. Configured tool to evaluate code quality and code bugs in Visual Studio and reporting tool to address code issues.

Provided functional support during System test scripts identification, System test writing and

assisted with system test execution

***Responsibilities***

* Analyze code and present technical options
* Identify Code quality issues and bugs
* Designing, Prototyping and Documenting User Interfaces and System Solutions
* Documenting and Presenting to client Process Flows, System Solutions and Application Prototypes
* Organizing and delivering Knowledge Transfer and Solution Overview sessions to Development Team and Test Team

**Solution Architect /Application Development Lead**

Participated in all cycles of system optimization and delivery of functional and technical solutions for large-scale enterprise application.

Lead team of 8 developers in developing numerous web application components, including complex calculation processes, batch solutions and extensive conversion of legacy data.

Mentored other developers using regular pair-programming, code-reviews, and TDD exercises.

***Responsibilities***

* Designing, developing, maintaining and tuning large-scale web applications per customer specifications using Java technologies.
* Responsible for customer relationship
* Involved in the hiring and interviewing process.
* Leading design/debug JAD sessions with the customers.
* Responsible for customer knowledge transfers by writing documentation, and verbal knowledge transfers to the members of the customer team.

**Accenture, Sacramento, California (12/2008 – 11/2014)**

**Senior System Analyst/Assistant Manager:**

Application Development Lead responsible for delivery of Technical Solutions, design and implementations to large-scale enterprise web application.

Responsible for frontend and backend system solutions to align with established business processes and system requirements.

***Responsibilities***

● Developing web pages using Spring MVC Tiles, JSP, JavaScript, XSL, and Ajax.

● Developing server side J2EE business logic processes, including use of established technologies

Spring Batch, Spring Integration

● Developing JUnit tests and JUnit Suites to ensure complete codebase test coverage.

● Writing and maintaining technical design documentation

● Responsible for planning and execution of user acceptance testing and testing procedures.

● Extensively involved in database design to support application changes and associated data

conversion.

**System Analyst / Senior System Analyst:**

Analyzed high-level business requirements and consulted with Business Analysts and client Subject Matter Experts (SME) to derive complex technical design specifications.

Applied a mix of Java and ILOG JRules technologies to build and design major back-end business services and calculation strategies using Factory Design pattern.

Introduced and enforced through code reviews new coding strategies based on common Java patterns to increase clarity and maintainability of codebase.

***Responsibilities***

* Analyzing, designing, developing, and testing of the system components.
* Developing web pages using Java, Spring MVC Tiles, JSP, JavaScript, XSL, and Ajax.
* Developing server side J2EE business logic processes.
* Developing JUnit tests.
* Implementing server side modules for standardization process (XML parsing using SAX).
* Writing and maintaining technical design documents.

**Personal Projects (Current):**

**Angular2/Artificial Intelligence Forex predictions**

Developed full stack application to track individual and group stock portfolios using Angular2,

spring boot, and MySQL. Application provides ability for the user to receive live feeds about stock market changes, customizable views, user notifications and user market alerts.

Developed Java Object Oriented Neural Network (JOONE) used to predict and build automated Forex trading systems. JOONE implements an artificial network in JAVA by emulating biological neural networks. JOONE is able to learn patterns by extracting and evaluating historical Forex Data.

https://github.com/secerbeg/MyStockTickersBE

https://github.com/secerbeg/MyStockTickersUI

***Responsibilities***

* Extensive research and analysis to integrate market predictions project with Angular2 SPA
* Designed Angular2 application using all aspects of Angular2 framework
* Developed Single Page Application (SPA) with multiple modules to provide
* Worked with Angular CLI (Command Line Interface) and VS Code to edit Angular code
* Worked with JOONE
* Created Microservices to support page Modules

**Android Application – Word Memory Game**

Developed a simple memory game for kids to assist when studying High Frequency Words. Application uses Words published for 1st Grade students at Heron Elementary School – Natomas Unified School District

https://github.com/secerbeg/HeronElem

**Professional Certifications and Awards**

* JAVA Programming with Struts Framework Rancho Cordova (2009)
* JAVA Spring Framework for Enterprises, San Francisco (2010)