Shanika Wijerathna

6 Zara court, Windsor park, Auckland 0630
TEL: 021 02482571
E MAIL: shanikacj@gmail.com
Blog: shanika.github.io

Objective: Software Developer (Java/Java EE) Role

HIGHLIGHTS

- **Over 7 years** of experience in participating the full life-cycle development of (**Java EE**) Web based cloud software systems
- Extensive experience in Java EE development with Frameworks such as **Spring, Guice and Hibernate**
- Experience in web technologies like **JSP/Servlets, Struts, Spring MVC, Angular JS, jQuery, Polymer, AJAX, JavaScript, CSS, HTML**
- Designing and development experience of **Web Services** based & **REST** based application interfaces and system integration (**XML/JSON**)
- **Test Driven Development** practice
- Experienced in developing and deploying applications on **Linux/Unix** platforms
- Great knowledge in **Relational Databases** and **No-SQL database frameworks**.
- Experienced in **Agile** software development and concepts.
- Passion and knowledge in Rule & Process based software development concepts
- **Sun Certified Java Programmer (SCJP)**
- **Sun Certified Web Components Developer (SCWCD)**

SKILLS SUMMARY

Languages & APIs	Exp (Years)	Skill Lvl (1 – 5, 1<5)	Development Tools & Platforms	Exp (Years)	Skill Lvl (1 – 5)
Java	**7+**	**5**	Eclipse IDE	6+	4
Java EE	**7+**	**5**	JUnit	7+	5
Spring Framework	5+	5	Maven	4+	5
Hibernate	7+	4	SVN (Subversion)	5+	5
Apache Struts	4+	5	GIT	3	5
JSF	4+	5	JBoss AS/Tomcat	6+	4
JSP/Servlets	7+	5	Linux	7	4
JBoss Drools (BPM)	1	4	UML	6	4
JAX-WS	5+	4	Agile	4	4
Android	**.5**	**4**			
SQL (Oracle/MySQL)	6+	4			
HTML/CSS/JavaScript	6+	5			
jQuery	4+	4			
Angular JS	1+	4			
Technologies & Concepts					
OO Programming	**7+**	**5**			
Web Services (SOAP/XML)	7+	5			
REST Services (JSON/XML)	5+	5			
SOA	5	5			

WORK EXPERIENCE

➤ **August 2014 to current, working at WEX NZ Ltd, Auckland**

Projects Involved:

Project: Olympic IFCS new platform

Product: IFCS v3

Project Role: Software Engineer (Java)

> **Environment:** Java SE, Java EE, EJB, Web Services, PSQL, JSP, JUnit, Maven, JBoss, IntelliJ, Git, Bamboo, Sonar, Agile

- Was able to enhance the IFCS product features in a highly agile team based environment.
- Worked on system integration in IFCS's new fuel card PIN authorization process through Hardware Security Module.
- Involved in the process of improving and refactoring the IFCS legacy code with industries best practices and improving the maintainability.

WEX New Zealand is an international provider of fuel card processing software solutions. WEX NZ has partnered with leading companies in the fuel industry such as British Petroliam, Shell, EXOM Mobil and provide fuel card processing platform service across the globe. IFCS v3 is the core product and platform which enables fuel card processing and management with the help of various 3rd party integrated systems.

➤ Personal hobby project/Startup **My Expenses**

Projects Involved:

Product: My Expenses web application

> **Environment:** Play framework, Spring, Hibernate, REST, Angular JS, Bower, Grunt, Maven, Github, Heroku + AWS, Code ship, IntelliJ

- I started this project mostly to try out the frameworks which I like and try to build a useful product.

My Expenses project has the intention of enabling kiwis to do better personal finance management in their day today life through web and mobile application interfaces.

➤ **April 2014 to August 2014, worked at EROAD Ltd, Auckland**

Projects Involved:

Project: EROAD Oregon customization

Product: EROAD System

Project Role: Software Engineer (Java)

> **Environment:** Java/Java EE, Spring, Spring MVC, Hibernate, JUnit, Web Services, REST, PLSQL, HTML, CSS, XML, JavaScript, AJAX, jQuery, Maven, Glass Fish, Eclipse, Mercurial, Agile

- Was able to implement the full feature of "Imported vehicle trip permit handling" of the system including integration with a 3rd party system within a very short period of time at EROAD (1st Sprint)
- Working on a new feature of EROAD's solution to handle vehicle fuel transactions (IFTA)

EROAD provides a unique system which enables trucking companies to remotely monitor/manage their vehicle activities through the web portal and the fixed GPS supported devices in the vehicles. Also the system enables users to manage and do the tax payments securely.

➤ **December 2012 to April 2014 worked at Mako Networks Ltd, Auckland**

Projects Involved:

Project: Mako Central Management System New Features Team

Product: Mako Central Management System

Project Role: Software Engineer (Java)

> **Environment:** Java/Java EE, CORBA, Guice, Hibernate, JUnit, Web Services, REST, PLSQL, HTML, CSS, XML, JavaScript, AJAX, jQuery, ANT, Eclipse, SVN, GIT, Resin, Web Services, PSQL, Elastic Search

- One of the three members of New Features Team
- Involved in full life cycle of developing Mako's Network Failover Management, Dynamic Router Configurations, Visualized Network Status, PCI DSS Compliance modules.
- I was able to cut down Mako router configuration generation time by half, by optimizing Hibernate configurations which was a very valuable gain for the product performance.
- Designed and implemented Mako Router Status widget (REST + jQuery)
- Working on Mako's Wi-Fi Hotspot solution which involves both embedded and web application development.

Mako Networks is a leading specialist network management company specializing in network security. The company assists businesses around the world to secure their networks and provide the capabilities needed to better manage their network connections. Mako provides its solutions using a unique web-based system consisting of two principal parts: a Central Management System (CMS) accessed through a secure website, and network appliances installed at customer locations.

➤ **August 2010 to July 2012 worked for John Keells Computer Services (Pvt) Ltd, Sri Lanka**

Projects Involved:

Project: Property Management System for Zhara HS (August 2010 – April 2011)

Product: Zhara Hospitality Suit (Zhara HS)

Project Role: Solutions Developer (Java)

> **Environment:** Java/Java EE, Spring, Struts 2, Hibernate, Free Marker Templates, JUnit, Web Services, JAX-WS, SQL, HTML, CSS, XML, JavaScript, AJAX, jQuery, Maven, Eclipse, SVN, JBoss AS

- Involved in full SDLC of most parts of the **Zhara HS** web application product
- Developed key futures of **Zhara HS** web application such as Tax Handling, some Financial Reports, and Guest Management.
- Designed and implemented *Zhara HS*'s support for PABX (Private Automatic Branch Exchange) telephone based system integration.
- Extended **Zhara HS** development framework on monitoring and auditing of sensitive business data changes.
- Actively involved in application implementation and user training in hotels.
- Contributed to UAT servers setup and maintenance (JBoss AS/Linux)

* Zhara HS is a web based Hospitality Suite from John Keells Computer Services, which consists of CRS (Central Reservations), PMS (Property Management) and IBE (Internet Booking Engine), geared for resort hotels. Zhara HS supports **SAAS** via multi-tenancy on cloud infrastructure.

Project: Internet Booking Engine (IBE) for Zhara HS (April 2011 – March 2012)

Product: Zhara Hospitality Suit (Zhara HS)

Project Role: Solutions Developer (Java)

> **Environment:** Java/J2EE, Spring, Spring MVC, Hibernate, Free Marker Templates, Web Services, JAX-WS, JBoss Drools, SQL, HTML, CSS, XML, JavaScript, AJAX, jQuery, Maven, Eclipse, SVN, JBoss AS

- Handled maintenance, customizing and enhancements of the pre developed IBE
- Worked on implementing multiple payment gateway support for online payment facilities in IBE
- Converted the IBE's connectivity with the Zhara HS main application, from EJB to Web Services
- Worked closely with business clients on IBE customization, implementation and customer support.
- Was responsible for Servers setting up (Software level configurations) and deployment of IBE (QA, UAT, Production)
- Designed and proposed new detailed design documents to enhance existing IBE

Project: Mobile Management Information System (MIS) for Zhara HS (Jan 2012 – Jul 2012)

Product: Zhara Hospitality Suit (Zhara HS)

Project Role: Solutions Developer (Java EE/Android)

> **Environment:** Java, Android SDK 4.03 , Sqlite 3, Google charts API, Java EE, Spring, Struts 2, Hibernate, REST Services, SQL, Maven, Eclipse, SVN, JBoss AS

- Involved in requirement elicitation
- Designed the REST API of Zhara HS system for mobile devices
- Played the lead role of Java EE developers on REST Interface development
- Designed and contributed to developments of the initial modules of Mobile MIS on Android platform

➢ **April 2008 to August 2010 worked at Affno (Pvt) Ltd, Sri Lanka**

Projects Involved:

Project: Stock Exchange Broker Application (Jul 2009 - Aug2010)

Product: Money Booster

Project Role: Software Engineer (Java)

Environment: Java, Java EE, Hibernate, Struts, Google Web Tool Kit, JSON, SQL, Apache Tomcat, SVN, ANT

- Maintenance and bug fixing of the Stock Exchange Broker application
- Implementing customizations such as AJAX based UI enhancements for new clients
- Maintaining QA/UAT/Production Servers (Software Configurations)
- Real time data corrections when required

Project: Cloud based channeling system for healthcare industry (Apr 2008 –Jun 2009)

Product: e-Channeling

Project Role: Software Engineer (Java)

Environment: Java, Java EE (JSP, Servlets), Hibernate, Struts, jQuery, JSON, Apache Tomcat, CVS, ANT, Jasper Reports

- Implemented functionalities such as commission handling and client history maintenance and involved in entire SDLC of the parts that I was responsible to develop
- Developed and tested system reports using Jasper Reports technology
- Involved in implementation of the system and user training
- Learnt most of the concepts of ORM and MVC based web applications development

TRAINING & DEVELOPMENT

Date	Workshop/Certification/Award	Institute/Awarding Body
July, 2012	Awarded in Recognition of Excellence through Perseverance and Skill	John Keells Computer Services, Sri Lanka
November, 2011	Android Boot Camp	Marakana.com Training
November, 2009	Pega Certified System Architect (PCSA 5.5)	Pega Systems (pega.com)
November, 2009	PRPC Boot Camp	Pega Systems (pega.com)
December, 2008	Sun Certified Web Components Developer, **SCWCD 1.4** (Now known as Oracle Certified Web Components Developer)	Sun Microsystems
August, 2006	Sun Certified Java Programmer **SCJP 1.4** (Now known as Oracle Certified Java Programmer)	Sun Microsystems

EDUCATION

Date	Qualification	Institute
From August,2006 to November,2009	B.Sc. in Management & Information Technology degree **Level 7 Bachelors' Degree** According to **NZQA Assessment**	University Of Kelaniya, Kelaniya, Sri Lanka
From April 2003 to April 2005	GCE Advanced Level (Mathematics stream, A/B/B)	Royal College, Colombo 7, Sri Lanka

INTERESTS

- Music, Skating & Playing Cricket
- Travelling
- Social Media application extensions development
- Researching on Rule based & Process based software development approaches

REFEREES

Available upon request

17/11/2015