**Kathees Rajendram**

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Blog: <http://rkathees.blogspot.com>

**Summary**

* IT / Software Professional with nearly **6 years** of experience in developing enterprise applications and enterprise products using **Java/J2EE, JavaScript (ES5), JSF, EJB, Spring, Struts2, Hibernate, JSP, Servlet, JQuery, CSS, HTML, JDBC, Web services (SOAP/REST), XSLT, XPath, Single Sign on, OAuth2, JMS, Kafka, Rabbitmq, Oracle, ESB, MySQL, PL/SQL, JUnit.**
* Experience in performing time critical and mission critical tasks in the full System Development Life Cycle (SDLC).
* Excellent understanding and experience in effectively using Design Patterns and Object Oriented Analysis and Design (OOAD).
* Proficient in problem solving, analytical skills and troubleshooting.
* Experience in Java and J2EE application development.
* Experience in developing enterprise products ESB, SOA and Identity Management.
* Enthusiastic learner and researcher.

**Professional Experience**

* Working as Software Engineer in **GeBIZ**, Singapore from **December 2017 to now**.
* Worked as Java Developer in **HDB**, Singapore from **June 2017 to December 2017**.
* worked as a Software Engineer in **WSO2 (Pvt) Ltd** Colombo, Sri Lanka from **May 2014 to May 2017**.
* Worked as an Associate Software Engineer in at **Virtusa (Pvt) Ltd**, Colombo, Sri Lanka from **September 2012 to April 2014**.
* Worked as Software Engineer at **Sathiam (Pvt) Ltd** - Sri Lanka from **November 2011 to September 2012**.

**Education and Certifications**

* BSc (Hons) Specialized in Computer Science, University of Jaffna, Sri Lanka.

**Technical Competencies**

Programming Languages : Java, J2EE

Frameworks and Technologies : Spring, Hibernate, JPA, EJB, Struts2, JSF, JSP, Servlet

Interfaces : SOAP, REST, JMS, MQ

Databases : Oracle 11g PL/SQL , MySQL, PostgreSQL, NoSQL

Application/Web Servers : Weblogic, Apache Tomcat, WSO2 AS, JBOSS, WebSphere

Automated scripts : Puppet, Shell script

Open source products : WSO2, Apache, Mule products

SOA/Web Services : SOAP/WSDL, JAX-WS, JAX-RS, Apache Axis , Apache Synapse

Web Technologies : XML, CSS, JSF, JavaScript(ES5), jQuery, AJAX, HTML

Source Control : Github, SVN

CI tools : Jenkins

Building Tools : Apache Ant and Maven

Design Skills : UML, OO Design/Programming, SOAP, SOA, AOP

Tools : IntelliJ, Eclipse, Netbeans, SoapUI, jprofiler, IBM RAD

Load testing tools : JMeter, SoapUI

Performance Analyzing tools : JConsole, Java Flight Recorder

Big Data Technologies : Kafka, Zookeeper, Elasticsearch, Amazon DynamoDB, MongoDB, etc

Platforms : LINUX, MAC , Windows

CRMs : Salesforce, JIRA, Amazon (S3, SES, SNS, SQS), SAP, etc

**Project Profile**

**GeBIZ, Singapore (**[**https://www.gebiz.gov.sg**](https://www.gebiz.gov.sg)**)**

***Project: GeBiz Portal***

**Business Problem**: The GeBiz portal provides procurement related services to make cost effectiveness for the public sector as well as other ministries in Singapore. It is designed to guide users from different government agencies through the procurement process ensuring fairness and transparency in government procurement process.

**Technologies/Tools used:**

Java, EJB 3.1, JSF 2.0, JPA, Oracle 11g, Ant, Eclipse, Weblogic 12c, JIRA, Jenkins, Windows.

**Project Role:** Software Engineer with the following responsibilities:

* Participate in requirements gathering.
* Design the modules end to end (UI, Services, Database).
* Develop the application using Java/J2EE technologies.
* Test the application and deploy the application.
* Improve and support existing system.
* Answer support queries, develop custom development in sort time according to the customer's urgent requirements and deploy in production.

**HDB, Singapore (**[**http://www.hdb.gov.sg/cs/infoweb/homepage**](http://www.hdb.gov.sg/cs/infoweb/homepage)**)**

***Project: Contractor Renovation System***

**Business Problem**:

Web portal for registered renovation Contractor to send the request to HDB Staff, HDB staff process the request and give the result to the customer.

**Technologies/Tools used:**

Java, JSF, JSP, Servlet, EJB, JavaScript(ES5), JQuery, WebSphere, IBM RAD,etc

**Project Role:** Software Engineer with the following responsibilities:

* Participate in requirements gathering with clients.
* Design the system with UML diagrams such as Class diagram, Use Case diagram, Activity diagram, Sequence diagram, etc.
* Develop the application using Java/J2EE technologies.
* Test the application and deploy the application.
* Improve and support existing system.

**WSO2, Srilanka (**[**http://wso2.com**](http://wso2.com)**)**

***Project: WSO2 Enterprise Service Bus and Extensions (***[***https://docs.wso2.com/display/ESB500/WSO2+Enterprise+Service+Bus+Documentation***](https://docs.wso2.com/display/ESB500/WSO2+Enterprise+Service+Bus+Documentation)***)***

**Business Problem**:

Enterprise Services Bus undertakes the complex task of SOA across enterprise applications, services and APIs. It manages a variety of enterprise integration patterns (EIPs), including filtering, transforming, and routing SOAP, binary, plain XML, and text messages that pass through business systems by HTTP, HTTPS, JMS, Kafka, RabbitMQ, Mail, Fix, SNMP, etc.

**Technologies/Tools used:**

Java, JSP, Servlet, JavaScript, JQuery, Multithreading, Web Services, XSLT, Xpath, REST, SOAP, JMS, JSON, XML, WSDL, Maven, NIO, Kafka, Rabbitmq, Apache Axis2, Synapse, Linux, etc.

**Project Role:** SeniorSoftware Engineer with the following responsibilities:

* Participate in requirements gathering with clients.
* Participate in software design meetings to write technical design documents and to propose design solutions.
* Develop multi threading and high performance functionalities related to enterprise service bus core and extensions modules based on customer's requirements and redmine features.
* Ensure that development and testing adhered to the agreed standards and make sure that no performance issues (Used Java Flight Recorder and Jmeter to identify the performance issues).
* Communicate effectively with project team and external teams in both calls and email.
* Answer support queries, did custom development in sort time according to the customer's urgent requirements and delivered patches and documents to customers.

**Source Code in Github. For example:-**

<https://github.com/wso2/carbon-mediation/commit/311018d1e6c8af9d9e9059fc89a8c4e1b88e5cfa>

<https://github.com/RKathees/esb-connector-kafka/tree/master/src/main/java/org/wso2/carbon/connector>

***Project: WSO2 Enterprise Identity Server and Extensions (***[***https://docs.wso2.com/display/IS530/WSO2+Identity+Server+Documentation***](https://docs.wso2.com/display/IS530/WSO2+Identity+Server+Documentation) ***,*** [***https://store.wso2.com/store/assets/isconnector/list?***](https://store.wso2.com/store/assets/isconnector/list)***)***

**Business Problem**:

Identity Server undertakes the complex task of identity management across enterprise applications, services and APIs. It draws on the strengths of the most widely used standards and offers a platform-agnostic approach that allows enterprise architects to carry out a uniform security layer upon existing assets across their digital business. It provides Single sign-on and identity federation, Strong authentication, Identity governance and administration, Entitlements and access control, Monitoring, reporting and auditing.

**Technologies/Tools used:**

Java, JSP, Servlet, JavaScript(ES5), SAML, OAuth2, REST API, JDBC, MySQL, JQuery, Maven, Single Sign on, Nosql.

**Project Role:** SeniorSoftware Engineer with the following responsibilities:

* Participate in requirements gathering with clients.
* Participate in software design meetings to write technical design documents and to propose design solutions.
* Develop functionalities related to identity core and extension based on customer's requirements.
* Ensure that development and testing adhered to the agreed standards and make sure that no Code quality analyzer defects (Findbug, OWASP dependency check, Check style and security) across when committing the source code.
* Ensure that no performance issues (Used Java Flight Recorder and JMeter to Identify the performance issues).
* Share a part of work individually, But work in full sync with my team, and finally meeting delivery in time.
* Communicate effectively with project team and external teams in both calls and email.
* Answer support queries, did custom development in sort time according to the customer's urgent requirements and delivered patches and documents to customers.

**Virtisa Pte Limited (**[**http://www.virtusa.com**](http://www.virtusa.com/)**)**

***Project: New York Life Long-Term Care (NYL LTC)***

**Business Problem**:

newyorklife.com – New york life insurance company provides safeguarding person's life savings to covering a child’s college tuition, or protecting your own retirement plan or Long Term Care. It manages it's all online insurance policies through a portal application [[https://www.newyorklife.com](https://www.newyorklife.com/)]

**Technologies/Tools used:**

Java, J2EE, Spring, Hibernate, Struts, Servlet, JSP, Maven, BPM, JavaScript(ES5), JQuery, CSS, HTML, EJB, SOAP, REST, SOAPUI, JUnit, agile methodology.

**Project Role:** Software Engineer with the following responsibilities:

* Participate in requirements gathering with clients.
* Participate in software design meetings to write technical design documents and to propose design solutions.
* Develop functionalities related to insurance domain based on user requirements documentation and detailed design documentation.
* Ensure that development and testing adhered to the agreed standards and make sure that no Code quality analyzer defects (Findbug).
* Prepare the critical test case scenarios of developed functionality and share it to QA team so that can make sure that critical functionalities are not missing.
* Contribute towards preparing the Release Notes and took the responsibility for QA releases as the release owner.
* Deploy application in SIT , UAT Preparing Production deliverables.
* Post production support and enhancements.
* Share a part of work individually, But work in full sync with my team, and finally meeting delivery in time
* Communicate effectively with project team and external teams in both calls and email.

**Sathiam (Pvt) Ltd –Sri Lanka**

***Project: Staff & Student Management System***

**Business Problem:**

Staff and student management system makes it easy to track human resources department. This system helps in supervising employees work report, student information and productivity. Staff & student management system includes a time tracking system that saves both time and money.

**Technologies/Tools/Standards used:**

Java, J2EE, Spring, Servlets, JSP, Hibernate, JDBC, MySQL, JBoss, Ant, CSS and XML

**Project Roles:** Software developer

* Prepare solution documents for a given use cases with ERDs with time estimates.
* Provide work effort, budget and timelines for proposed use cases to Managers.
* Involve in requirement gathering sessions for some key features of the product.
* Implement user-friendly GUIs with CSS.
* Design and implement of internal framework for integrating with time tracking third-party system.
* Do unit test and integration test.
* Do troubleshooting live issues and provide prompt solutions for adhoc releases.

**Personal Details**

Full Name : Kathees Rajendram

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Visa Status : S Pass

Date of Availability : 2 weeks

**Referees:**

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| --- | --- |
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