Karvannan Rajasekaran

Senior Development Engineer

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Summary

➢ Full stack Java/JEE developer with almost 6 years of Information Technology experience with CPQ, Telecommunication & E-Commerce domains.

➢ Areas of expertise include Java, JEE, Spring, Hibernate, Webservices, Mule ESB, RDBMS(Oracle, MySql).

Skills

Languages	Java , SQL , Android
Frameworks	Spring 3.X
Web Services	JAX-RS, Jersey RESTful Web services, JAX-WS, Apache CXF Web services
ESB Frameworks	Mule 3.5
ORM	Hibernate 3.5, JPA 2.0
Web / UI	HTML, Javascript, Ajax & jQuery
Database Environment	ORACLE 11g, MySQL
Operating systems	Window XP, Window 7
SourceSafe	Git,SVN
Build Tool	Maven
Other Tools	Oracle SQL Developer

Experience Summary

Employer Name	Role	Duration	Service Period
Pramati Technologies Pvt Ltd, Chennai	Senior Development Engineer	2 years	Dec 2013 to till date
Verizon Data Services India, Chennai	Analyst, System Development	1 year	Aug 2012 to Nov 2013
Excelacom Technologies Pvt Ltd, Chennai	Programmer Analyst 2	3 years	Sep 2009 to July 2012

Professional Experience

1. Pramati Technologies - Senior Development Engineer
Dec 2013 - present

Project	Notification Engine
Client	Liquidity Services Inc
Role	Senior Development Engineer
Technologies	Java 1.7, Spring 3.2, Hibernate 3.5, Mule 3.5, Restful Webservices, MySQL, Obsidian, Velocity reports & Jasper reports
Description	● Notification Engine is high throughput event based notification management system for Liquidity Services Inc. ● It uses Email \ SMS \ Voice channel to notify the users based on the configuration templates saved in the system. ● This project is usually integrated with all other systems such as Unified Accounts(User Management system for LSI), PRM (Warehouse management tool), etc

Responsibilities

● Developed SMS/Call notification support by integrating with Twilio(SMS support provider)
● Developed velocity template for dynamic email body support for Email & SMS notification.
● Implemented Barcode sticker generation for Inventory items, Pallets and Lots using Jasper reports.
● Developed proof of concept for Obsidian framework integration and explored the core functionality.
● Integrated Obsidian scheduler framework with notification engine for failure messages retry process
● Design DB Model for reprocessing failed messages due to connectivity issues.
● Implemented annotation based logging framework which automatically logs the input and output of any method
● Developed Auditing engine framework which audits the user action performed in the integrated applications.
● Written test cases for service layers in the application with Mockito and JUnit test steps
● Assess technology solutions and develop proof of concepts.
● Followed Mule best practices to build a robust and reliable middle-ware application
● Design and develop application framework components and re-usable libraries.
● Develop and maintain Coding Standards and participating in code reviews.

Pet Projects

Project	Holiday Manager(An Android app available in playstore)
Technology	Android, RESTful Web services
Description	● IRCTC reminder app which alerts you to book ticket before 120 days or any configured number of days. ● Preloaded list of Indian holidays from google holiday calendar ● Smart holiday planner which recommends you to book onwards & return journey tickets

Project	Salesforce to my CRM Connector
Technology	Obsidian, Spring, Hibernate, Tomcat, RESTful Web services
Description	● Backend scheduler framework which seamlessly integrate Salesforce with any CRM ● Provides configuration mapping between the Salesforce and my CRM object and bi-directional data synchronization between these two systems.

2. Verizon - Analyst, System Development, *Aug 2012 - Nov 2013*

Project	Unified Ordering
Client	Verizon Business
Technologies	ConceptWave, Oracle
Description	Unified Ordering is an enterprise ordering application which will take care of the order right from the quoting to provisioning and billing. E2Ei will decommission the system which does the same functionality and reduce the number of days of order processing.

Responsibilities

- Requirement gathering from the Verizon business onshore team.
- Development of the business requirement in ConceptWave as per the low level design document.
- Took ownershop of the product, "Private Line Wavelength"
- Daily sync up with the onshore team on daily status and current updates.
- Performed code reviews and provided generic approach to solve the problems faced across the products
- Bug fixing and defect tracking.

3. Excelacom Technologies - Programmer Analyst 2, *Apr 2011 - Jul 2012*

Project	Configure Price Quote (CPQ)
Client	Product
Technologies	Java, Spring webflow and MVC, Web service.
Description	CPQ(Configure Price Quote) is an Excelacom's product that deals with the pre-sales activities of the Organization. This includes automation of the lead, opportunity, quote and contract management workflows.

Responsibilities

- Working in the position of a module lead leading a small team of 3 people
- Responsible for preparing the work break down structures for each of the modules
- Responsible for the design(LLD) and development phase of the module
- Performed research and analysis on the electronic-signature management system and integrated in quote and contract management system in order to get signature of the quote and contract from the customer.
- Emailing the auto-generated quote/contract to the client.
- Unit testing, defect analysis and fixing.

4. Excelacom Technologies - Programmer Analyst, *Sep 2009 – Mar 2011*

Project	Puerto Rico Telecom
Client	Puerto Rico Telecom, Guaynabo
Technologies	Java, Spring MVC , EJB and Apache ServiceMix
Description	This project was to provide complete solution for ordering products such as DTH, IPTV, POTS, Internet and High Speed Internet to residential customers by customizing the in-house products of Excelacom such as Customer Manager, Product Framework and Provisioning Systems.

Responsibilities

- Worked as a part of customization of the provisioning product, the Century Order Management in order to handle request from billing system and submitting order to provisioning system.
- Developed scheduler component to generate and email report for the failure request transactions of billing and provisioning systems
- Unit testing, defect analysis and fixing.

Education

- B.Tech in Information Technology (2005-2009) with 81% from Velalar College of Engineering & Technology (affiliated to Anna University, Chennai), Erode.
- HSC (2004-2005) with 89% aggregate marks from Sree Amman Matriculation Higher Secondary School, Erode.
- SSLC (2002-2003) with 82% aggregate marks from Sree Amman Matriculation Higher Secondary School, Erode.