

## Trainer Profile – Surendra

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### Profile

- Expertise with 11.5 years of IT experience in designing and developing Enterprise-based applications using different IBM Integration tools like WebSphere Message Broker, IBM Integration Bus (IIB) 9.0 & 10.0.0, WebSphere Messaging Queue & J2EE technologies.
- Experienced in Integration and Implementation of IBM WebSphere Integration tools like Message Broker, IBM Integration Bus (IIB) and MQ Series.
- Exposure to Deploying, Undeploying and deleting Integration project configuration for different Environments.
- Worked with different communication protocols like SOAP, HTTP.
- Experienced in writing ESQL programming to handle message routing and transformations.
- Hands on experience in implementing the Enterprise application integration using IBM WebSphere Message Broker for WebSphere MQ, HTTP, Database, File and Email nodes.
- Experienced with relational databases like DB2 & Oracle.
- Experienced in SOA architecture using Web Services technology and deploying them on WebSphere message Broker.
- Hands on experience in Object Oriented Programming using Java.
- Hands-on experience with J2EE technologies like Servlets, JSP, JDBC, XML, Java Script in conjunction with Oracle, DB2.
- Good debugging and problem solving skills with excellent understanding of system development methodologies, techniques and tools.
- Excellent ability to plan, organize and prioritize my work to meet the deadlines of my clients and keep customer satisfaction at the highest level possible.

### Educational Qualifications

- Master of Computer Applications from Madurai Kamaraj University in July 2001 with 71%.
- B.Sc Chemistry from Andhra University in April 1998 with 65%

### Training

- Diploma in java/J2EE, NetGsc, Hyderabad

### Certifications

- IBM MQ Certified as MQ Developer 6.0
- IBM MB (Message Broker) 8.0 Certified as Message Broker Developer.
- IBM Rational Java Developer 7.0 Certified.

## Trainings Delivered

- IBM Integration Bus DFDL V10
  - Delivered training for US clients
  - Ralph Systems, Renee Systems
- Public batches and Online batches:
  - Hadoop
  - Spark and Scala
  - HTML5, CSS3, Angular Js
  - Oozie, Zookeeper, Flume ,Pig
  - IBM WebSphere MQ
  - IBM message Broker
  - Java (Core Java, Spring, Sturts, Hibernate, Webservices)
  - Data Science
  - Data Analysis
  - R Programming

## Achievements

- Certificate of Appreciation for Team Outstanding Performance from Prolifics (Previously Semanticspace Technologies), Hyderabad for AETNA EIE Frameworks and Patterns Project in 2015.
- Certificate of Appreciation for Individual Outstanding Performance from Prolifics (Previously Semanticspace Technologies), Hyderabad in 2013.
- Certificate of Appreciation for Team Outstanding Performance from Prolifics (Previously Semanticspace Technologies), Hyderabad in 2013.
- Certificate of Appreciation for Outstanding Performance from Turning point software solutions, Bangalore in 2006.

## Client Exposure

- Visited U.K (Manchester) for supporting of the LEX project in 2008

## Industrial Experience

- Sr. Technical Lead: Prolifics (Previously Semanticspace Technologies), April 2012 to Till Date.
- Team Lead: Clavib (Previously Surya Jyothi InfoTech Limited), Hyderabad May 2011 to April 2012.
- Senior Software Engineer: EffOne Technologies Pvt Ltd. (www.effone.com), Bangalore May 2010 to April 2011.

- Senior Software Engineer: Arrk Group software solutions (www.arrkgroup.com), Mumbai Oct 2007 to Jan 2010 (Including 6 months Onsite (U.K Manchester) Experience).
- Software Engineer: Turning point software solutions (www.tpgsi.com), Bangalore August 2004 - Sep 2007.

## Skills

<b><u>Languages</u></b> C, C++, SQL, Java and J2EE.	<b><u>WebSphere Tools</u></b> WebSphere Message Broker 8.x, IIB 9.0, IIB 10 and WebSphere MQ 7.x
<b><u>Web Tools</u></b> Servlets, JSP, Spring, Hibernate, Web Services, XML, CVS and SVN.	<b><u>Web/Application Servers</u></b> IBM WebSphere Application Server 8.5, Apache Tomcat 6.x, JBOSS and Weblogic.
<b><u>Operating Systems</u></b> Windows XP, Linux.	<b><u>Databases</u></b> IBM DB2 9.1, Oracle 10g
<b><u>Development Tools</u></b> IBM RAD 6.0, Netbeans7.1, Eclipse.	<b><u>Other Tools</u></b> RFHUtil for MQ, DBVisualizer8.0, Soap UI 3.0 for SOA Testing

## Work Experience

### Freelancer and Consultant : April 2012 - Present

#### Roles and Responsibilities

- Delivering trainings on IBM Integration BUS DFDL V10
- Configured various services like Integration Service and Rest API Service in IIB 10.
- Used nodes like MQInput, MQOutput, FileRead, SOAP Request, HTTP Request and HTTP Header.
- Processed HL7 messages with the help of DFDL parser.
- Processed CSV Files and XML Messages with the help of DFDL parser.
- Implemented the log4j mechanism for various IIB Services.
- Created webservice by using Integration service, which is available in IIB 10.0.
- Implemented HANDLER statement in esql, which creates an error handler for handling exceptions.

**Technologies Used** IIB 10.0, SOAPUI Client and MQ 7.X.

### GE Capital

#### Roles and Responsibilities

- Developing new message flows for the transformation of data with different nodes.
- Creating / updating the message sets by creating Message Definition files using different Target and source Schemas provided by client.
- Taking care of deployment till CIT environment.
- We will do the Unit testing using soap UI tool before moving the code into other environments.
- Check in the code in SVN and then move the code to Other environment for testing
- Analyzing and fixing ST/SIT issues.

- Configured various nodes like MQInput, MQOutput, FileRead, Collector, and FileOutput according to the requirements.
- Developed message flows that use FlowOrder, TryCatch nodes for routing messages properly and exception handling.
- Created message sets for handling CSV data.

**Technologies Used** IIB 9.0, SOAPUI Client and MQ 7.X.

## Aetna (Frameworks and Patterns Project)

### Roles and Responsibilities

- Designed and developed the message flows to meet the business specification requirements.
  - Prepared Unit test cases and performed unit testing for Message broker flows.
  - Designed Message Flows, Message Sets for routing and data transformation.
  - Various message transformations including from MRM to XMLNSC domains and vice versa using ESQL.
  - Developed Sub message flows to be used as reusable components.
  - Worked on Batch Synchronization pattern by using Sequence and Resequencing Nodes.
  - Developed Ant script for Logging Framework to invoke the batch script contains list of MQSI commands.
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- Did the design review for other patterns.
  - Developed the rest full webservice for making the call from BPM to IIB and ODM TO IIB by using HTTP nodes.
  - Developed integration solution from design documents and implemented change requests of the existing patterns.

**Technologies Used** IIB 9.0, SOAPUI Client and MQ 7.X.

## BMI

### Roles and Responsibilities

- Responsible for configuration of DSN's to enable communication with Databases.
- Created message sets for handling CSV data.
- Created webservice by using Integration service, which is available in IIB 9.0.
- Used Flow Debugger for observing the behavior of message flows.
- Configured IBM RTC for maintaining versioning of message flows.

**Technologies Used** IIB 9.0, SOAPUI, Java, and MQ 7. X and Oracle.

## ESS Enterprise Sales and Service

### Roles and Responsibilities

- Developed the Message flows using the SOAP nodes (SOAP InputNode, SOAPRequest and FileInput nodes).
- Very well versed in the Web services and good understanding of WSDLs.
- Handful experience in WMB, developing message flow and message sets, transformation using compute node, routing, worked on web service node, interacting DB using compute node.

- Responsible for configuration of DSN's to enable communication with Databases.
- Developed the Message Sets need to hold the data in XML format.
- Populated message sets by importing COBOL copybook structure.
- Followed Naming conventions for flows and queues.
- Conducted unit testing for message flow developed with different cases.
- Observed message flow's behavior through Debug Perspective
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**Technologies Used** IIB 9.0, SOAPUI Client, RFHUtil, MQ 7.X and Oracle.

### **Surya Jyothi InfoTech, May 2011 – April 2012**

#### **Master Card (SDNG)**

##### Roles and Responsibilities

- Modified the JSP pages to meet the requirements.
- Used and created Custom JSP tags for common functions.
- Used JavaScript for the look and feel.
- Worked with CSS classes to modify the look and feel.
- Used Java collections extensively to manipulate the data on front end.
- Hibernate for ORM and persistence.
- Hibernate used as the persistence mechanism using the table per class mapping approach along with advanced features such as Criteria based querying.
- Development of application specific objects including DAO objects.
- Updated business logic and less code, easy and maintainable using the new frameworks.
- Deployed application on JBoss Application Server in Linux environment.
- Used Log4j for logging.

**Technologies Used** Core Java, Hibernate, JBoss, JSP, Junit, and Eclipse and Oracle.

### **Arrk Solutions, Oct 2007 – Jan 2010**

#### **Strategic Management Solutions**

##### Roles and Responsibilities

- Layout the design for the application and the Cairngorm architecture layer.
- Complete the code for the Cairngorm layers and also work on the UI layout for the entire application.
- Complete the Application modification functionality as separate Flex Modules and integrated them onto one composite application.
- Modified the JSP pages to meet the requirements.
- Used and created Custom JSP tags for common functions.
- Used JavaScript for the look and feel.

**Technologies Used** Flex, Action Script 3.0, Core Java, JSP, spring, Hibernate, JBoss, Eclipse and Oracle.

## Lex Vehicle Leasing System

### Roles and Responsibilities

- Modified the JSP pages to meet the requirements.
- Used and created Custom JSP tags for common functions.
- Used JavaScript for the look and feel.
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- Used Java collections extensively to manipulate the data on front end.
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**Technologies Used** Core Java, Hibernate, JBoss, JSP, Junit, and Eclipse and Oracle.

## Turningpoint software solutions, Aug 2004 – Sep 2007

### Telecom Service Inventory (TSI)

### Roles and Responsibilities

- Used Struts to implement the MVC framework for the presentation tier.
- Used Web Logic workshop as the Development IDE.
- Design and Developed Web Layer Components using JSP and Struts Framework and configured Struts-Config for global forwards, error forwards and action forwards.
- Used the Struts Validation Framework to validate user data.
- Developed Controller, Form Beans and Action Classes for the Application.
- Development of application specific objects including DAO objects.
- Updated business logic and less code, easy and maintainable using the new frameworks.
- Hibernate used as the persistence mechanism using the table per class mapping approach along with advanced features such as Criteria based querying.
- Deployed application on Web logic Application Server in Linux environment.
- Implemented Excel report generation Framework.
- Implemented JavaScript based front-end validation for both Netscape and IE.
- Used Log4j for logging.

**Technologies Used:** Weblogic8.1, Java, J2EE, JSP, JavaScript, Struts, Design Patterns, Hibernate 2.0 and Oracle.