Name: Ravi Kiran Full Stack Developer

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#### **SUMMARY**

- Full Stack Developer with 9+ years of experience in Software Analysis, Design, Development, Implementation and Testing of Object Oriented Applications and Web based Enterprise Applications using JAVA/J2EE technologies.
- Experience in Waterfall, Agile (scrum) methodologies where there is a daily SCRUM meetings to understand the status and resolve any issues and in making web pages cross browser compatible and server scripting languages.
- Proficient in UI design, developed Front End using HTML, CSS, JavaScript, JQuery, Ajax, Angular JS, Bootstrap like Node
  JS and Backbone JS.
- Expertise in DOM manipulation using JavaScript and Angular JS.
- Experience in Core Java concepts such as OOP Concepts, Collections Framework, Exception Handling, I/O System, Multi-Threading, JDBC.
- Worked with **Web Sphere** Application Server, **Oracle Web Logic** application server, **JBoss Fuse** and **Apache Tomcat** Application Server.
- Highly experience with Java IDE's like Eclipse, STS, RAD, IntelliJ, NetBeans.
- Design and Develop reference implementation on jBPM for multiple teams.
- Check images are forwarded to the appropriate channel partner based on the rules set using **Drools** rule engine.
- Experience in developing with various open source frameworks such as Java Server Faces (JSF), Spring (Core, IOC, AOP, Batch, Security, Boot) Framework, Struts Framework, Tiles Frameworks and ORM Tools like Hibernate and IBatis.
- Expertise in implementing various J2EE design patterns like Singleton, Session Facade, Data Access Objects (DAO), Factory, Data Transfer Object (DTO) and Business.
- Developed app monitoring framework using Drools/Kafka
- Experience in working with XML technologies like XML, XSL, XSD, DTD, XSLT and parsing XML with SAX & DOM parsers.
- Designed, developed, tested, integrated, and deployed large numbers of complex rules in rule flows, **Drools** Fusion and **Drools** CEP.
- Designing and implementing BPM services for various domains within using tools like Apache camel
- Expertise in developing web services using SOAP, WSDL, RESTful, JAX-WS, JAX-RS, JAX-RPC.
- Worked on translation of diameter protocol for Reinvent client. Manually translated the source code of RF Server module from C, C++ to Java. Manually converted source code in C++ for Client Profile Server to C so that it can be converted to Java using the "C to Java Translation Tool".
- Strong skills in RDBMS implementation and development using Oracle, IBM DB2 Database Servers and hands on experience with SQL, PL/SQL.
- Hands on work experience on various Enterprise Integration frameworks like Apache Camel
- Good understanding on NoSQL databases like Mongo DB.
- Experience with MOCKITO, JUnit, Log4j in developing test cases and determining application functionality.
- Subversion SVN, CVS, GIT, RTC and Visual Source Safe as versioning software tools.
- Hands on experience in building tools like ANT, Maven, Gradle.
- Involved in issue tracking and agile project management using JIRA.
- Experience in developing applications on Windows, UNIX and Linux platforms.
- Having Experience on **UNIX commands** and Deployment of Applications in Server.
- Domain knowledge and business expertise in Banking, finance, Insurance, Healthcare.

### **EDUCATION**

BACHELOR OF TECHNOLOGY COMPUTER SCIENECE from VBCE, India.

### **TECHNICAL SKILLS**

Languages	C, C++, Java, SQL, PL/SQL.
Mark-up/XML Technologies	HTML, CSS, XHTML, JavaScript, JQuery, Ajax, AngularJS, XML, XSD, XSL/XSLT, SAX/DOM, JSON, DOJO, NodeJS.
Tools & Framework	Struts, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, JMS, JSF, JUnit, AJAX, Jasper reports, Spring Boot, Spring Batch, Spring Security.
Web/App Servers	Web Sphere, Apache, Tomcat, JBoss, WebLogic.
Database	Oracle, SQL-Server, MySQL server, Mongo DB.
Development Tools	Eclipse, RAD, Spring Tool Suite (STS).
O-R mapping	Hibernate, JPA.
Web services	SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Axis2, Amazon Web Services (AWS), Micro Services.
Modelling/ CASE Tools	Rational Rose,
Testing Tools/ Others	JUnit, Soap UI, Putty, Mockito, Rational Clear Quest.
Version Control	CVS, SVN, Rational clear case, Star Team
OS & Environment	Windows Vista/XP/2000/NT, Linux, UNIX

### PROFESSIONAL PORTFOLIO

Client: Volkswagen Group of America, Auburn-hills, Michigan.

Role: Full Stack Java Developer Duration: May 2017 – till date

### Project:

TDI Court Settlement, CCCA (Customer Care Capacity Assistance): The purpose of this project is to provide a Customer web based application which will simplify case communication with customer care team and customers, provide online process status, automate email communications throughout process, and enable customers to upload required documents. Back Office (BO): There are processes that allow back office agents to search for a case and perform a few of the functions to keep the case moving forward, to help the consumer move back in the process if they need to change some information, or to complete the process entirely on behalf of the consumer.

- Developing UI using Vaadin frame work and constructing the brand-new CSS style sheets and other UI based components.
- Actively involved in mock screens development and project start-up phase.
- Efficiently managed the tasks and working and delivering features in a fast-paced scrum environment.
- Experience working in Agile development following SCRUM process, Sprint and daily stand-up meetings.
- Involved in developing the UI, layout and front-end programming for web application that matches requirements of the client.
- Prepared Technical Design documents with **UML** diagrams using Microsoft Visio.
- Involved in building a single page and cross browser compatible web application using Angular-JS (Angular routing).
- Configured **Jenkins** jobs, Install Plugins for generating artifacts.
- •Used WebSphere Application Server deploying various components of application.
- Functionalities include writing code in HTML, CSS, JavaScript, JQuery, Ajax, JSON, Angular-JS, and Bootstrap with oracle database as the backend.
- Worked with advanced MVC framework such as **Spring-IOC, AOP, MVC** and **Batch** which is used for implementing backend functionality.
- Designed and developed business components using **Spring Boot**
- Participated in coding Spring AOP components for the Logging, Exception handling and Transactional Model to handle many

### requests

- Support & Enhancement to the existing implementation of correspondence components which are developed using EJBs, JPA and Web Services / JMS Technologies.
- Used **Hibernate**, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to **Oracle Relational data model** with **SQL**-based schema.
- Used Microservice architecture with Spring Boot based service through REST.
- Used Java Message Service (JMS) for reliable and asynchronous exchange of important information for status report.
- Working within SOA based enterprise framework to build web services for Middle Tier processing.
- Developed **SOAP** based web services using WSDL, SOAP, JAX-WS and AXIS.
- Produced as well as consumed **RESTful** web services using Jersey API's.
- Followed Java & J2EE design patterns and the coding guidelines to design and develop the application.
- Fixed defects identified during **QA**, **UAT** and Production.
- Done with Web logic application server set up & deployed the application on it.
- Worked with **SVN** which is used as a version control tool in the project.
- Experience with Unit testing using JUnit and Mockito.

Environment: Java 8, J2EE, Restful Web Services, Vaadin 7.0, JavaScript, Spring Framework, Hibernate, JPA, MySQL, Maven, WebLogic 12c, Junit, Oracle, CVS 1.2, Git, Angular JS.

Client: Synovus bank, New york. Role: Full Stack Java Developer Duration: June 2015 – April 2017

#### Description:

Synovus Bank is one of the growing commercial banking organization providing banking, brokerage, insurance for personal financial, small business and corporate banking services. Easy online Access was an implementation of online account management system that provides secure online access to customer accounts and keeps track of daily account activity like withdrawals, payments, and trades. The application also provides customers with online account transfers. Transaction details are first sent to these systems for authorization to communicate with the back end systems. Thus, security of transactions is ensured.

- Involved in the complete SDLC including design of System Architecture, development of System Use Cases based on the functional requirements.
- Involved in Daily **Scrum (Agile)** meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
- Involved in the front end using HTML, JavaScript, JQuery, AJAX and Servlets, JSP, Struts2, JSTL.
- Used Marionette framework to simplify the construction of large scale JavaScript applications.
- Worked with cross-browser issues related to the front end that is created using JavaScript, CSS, HTML, Angular-JS and Node-JS.
- Designed and created Angular JS factories to make RESTful API calls by using \$http and \$resource to get the JSON contract.
- Experience using two-way data-binding, directives, controllers, filters, **ui-routers** and creating custom directives in **Angular JS.**
- Involved in the development of presentation layer and GUI responsive development using JSP, HTML5, CSS/CSS3,Bootstrap& used Client Side validations were done using Node-JS, XSLT and JQuery (Masking), and Google graphs XMLDOM.
- Implemented **Restful** Web services to retrieve data from client side and made **REST API** calls from **Node JS**, parsed the data to project to client and handled the security and Authorization using **Spring Security and OAuth**.

- Specified, prototyped, developed and tested an object-oriented, multiplatform Java framework containing support to: data structures, common algorithms sockets, threading.
- Implemented MVC architecture using **Struts2**, **JSP**, **Spring**, **and Hibernate** and used **Spring Framework** to initialize managed beans and services.
- Apache Camel is used to route the incoming message to the valid service queue
- Knowledge of using Apache Camel through Fuse Mediation Router
- Used Angular, Bootstrap for rich user interface and faster performance and Angular UI Router for routing pages.
- Involved in development of Agent Verification System using Spring MVC framework.
- Used Java collection API extensively such as Lists, Sets and Maps.
- Development **SOAP and RESTFulWeb** services using **Apache Axis1**, **Weblogic**, Web Service Tools, Session beans as web services, **Spring MVC and Jersey**.
- Designing and implementing BPM services for various domains within using tools like Apache camel
- Used **Spring Security** for Authentication and Authorization of the application.
- Worked with **DROOLS** engine for spring integration and validate business rule before executing in runtime.
- Check images are forwarded to the appropriate channel partner based on the rules set using **Drools** rule engine.
- Provided public IP to external clients to connect them to JBoss Fuse.
- Developed app monitoring framework using **Drools**.
- writing packages/procedures for Java (JBOSS Fuse) facing applications
- High level of competency in JBoss Fuse messaging Architecture
- Implemented client-server business applications using Micro services.
- Created data model and generated Hibernate mappings and domain objects using Hibernate tools.
- Interfaced with the NoSQL MongoDB back-end database by integrating Spring with Hibernate.
- Extensively used hibernate named queries, criteria queries, **HibernateQuery Language (HQL)** and Optimistic Locking and Caching to process the data from the database.
- Implemented quartz jobs for running the batch jobs based on the cron triggers configured in the spring files.
- Developed Unit /Integration test cases using Junit tool.
- Used **Gradle** tools for building and deploying the Web applications.
- Used JIRA tool for tracking stories progress and follow Agile methodology.
- Used logging techniques provided by Log4j tool for efficient logging and debugging.
- Developed the application using Eclipse as the IDE and used its features for editing, debugging, compiling, formatting, build automation and version control (SVN).
- Involved in Maintenance and Enhancements for the project.
- Configured Jenkins jobs, Install Plugins for generating artifacts.
- Software configuration management (Automate CI&CD pipe by using Jenkins)
- Deployed in JBOSS Fuse.
- Involving in Building the modules in Linux environment with ant script.

JDK1.7 and 8, HTML, CSS, JavaScript, JQuery, Ajax, Angular-JS, Agile, Hibernate, Spring, Spring Security, Spring Boot, Micro services, Servlets, JSP, Struts2, Junit, SOAP, RestFul, WSDL, XML, JBOSS Fuse, BPM, JSON, SoapUI, JAX-WS, Log4j, PL/SQL, web services, Linux, Jenkins, MongoDB, Eclipse, Gradle, Junit, JIRA, SVN, Agile.

Client: Gogo LLC, Chicago Role: Sr. Java/J2EE Developer Duration: May 2014 – April 2015

## **Description:**

Gogo IIc started as a simple sketch. Now, Gogo IIc deliver reliable connectivity and entertainment to thousands of aircraft worldwide, enhancing the experience for both passengers and crew.

- Involved in the complete **SDLC** including design of System Architecture, development of System Use Cases based on the functional requirements.
- Involved in Daily **Scrum (Agile)** meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
- Participated in system implementation, including maintenance, user allocation, approval, design, coding, error removal, logic optimization, systems re-evaluation and documentation.
- Worked simultaneously in both production and development teams.
- Designed and developed dynamic web pages using JSP, HTML/HTML5, CSS3, JavaScript, JQuery, and Angular-JS for single page applications.
- Experienced in developing functionalities like navigation bars, dropdown lists, **custom filters** and state parameters using **AngularJS**.
- Developed new business rules and enhanced the existing ones to meet client specifications using JBoss FUSE drools.
- Research and Develop on jBPM independently.

  Automate the existing manual process in and as a life.
  - Automate the existing manual process in and as a jBPM workflow.
- Experience with Test Driven Development and Dockers and Node.js.
- Unit testing with **JavaScript and node.js.** Used Angular-JS **Http** to read data from web servers and process JSON data to render in the UI.
- Provided customized jBPM solutions as per client requirement.
- Defined a message store architecture necessary to support **drools** rule engine input processing, scalability and recovery.
- Wrote various types of Business rules in the. drl and .ece using **Drools** rule engine for business decision-making.
- Provided guidance on jBPM to several teams.
- Developed internal coding using J2EE technologies based on the MVC Architecture.
- Implemented **Restful** Web services to retrieve data from client side and made **REST API** calls from **Angular JS**, parsed the data to project to client and handled the security and Authorization using **Spring Security** and **OAuth**.
- Developed Business objects using POJOs and data access layer using Hibernate framework
- Achieved Dependency injection by creating Spring services, Spring controllers and DAOs to wire objects of business classes
- Implemented **DAO pattern** to fetch data from database using **Hibernate** to carry out various database operations and avoid redundant database access statements
- Designed and developed business components using Spring Boot, Spring Dependency Injection (Core), Spring AOP, EhCache Framework and Spring Annotations.
- Experience programming in the **JBOSS Fuse** Enterprise SOA environment including **JBOSS Fuse** Workflow and **Drools** Business Rules engine
- Used Hibernate Transaction Management, Spring/Hibernate Batch Transactions and Hibernate cache concepts.
- Used **Spring Data Framework** to use the features of **Spring JDBC and Spring ORM** classes like JDBC Template and Hibernate Template to perform the database operations by connecting to Data sources available.
- Removed all the XML based configurations required to build the MVC application and maintained in the classes using Spring Boot.
- Used Spring Boot which is radically faster in building cloud Micro Services.
- Used **AWS** deployment services to quickly set up a dynamic website and configured virtual servers using **AWS EC2** and responsible for maintaining and expanding our **AWS** infrastructure using **AWS EC2/EBS**.
- Used AWS S3 to store data and to retrieve the stored date very quickly and used Elastic Search for searching the document. Used AWS SNS to send messages to multiple users and delivered in an algorithmic way using AWS SQS.
- Created new tables, **Stored Procedures, functions, views**, indexes and constraints, **triggers** and required SQL tuning to reduce the response time in the application
- Focused on **Test Driven Development** thereby creating detailed **JUnit** tests for every single piece of functionality before actually writing the functionality
- Used **Maven** building tool for creating EAR file to be deployed in application servers. It is also used for dependency management of code in application.
- Used **NoSQL DB** like **MongoDB** for the proof of concept.

- Used **Mongo DB** as data storage and utilized aspects like replica sets, sharding and clever document design to make service extensible scale and feature wise.
- Optimized the full text search function by connecting to Mongo DB.
- Developed Unit /Integration test cases using Junit tool.
- Used JIRA tool for tracking stories progress and follow Agile methodology.
- Developed the application using Eclipse as the IDE and used its features for editing, debugging, compiling, formatting, build automation.
- Deployed Websphere Adapters inbound and outbound integrated ECM systems and Rule Engine to BPM
- Deployed Applications on Oracle Websphere Server.
- Involving in Building the modules in Unix environment with ant script.
- Involved in Maintenance and Enhancements for the project.

JDK 1.7 and 8, HTML5, CSS3, JQuery, Ajax, Angular-JS, Bootstrap, JSON, J2EE, Spring MVC, Micro Services, AWS, Spring Security, Spring Boot, Spring JDBC, Spring ORM, JSP, Hibernate, Restful, Stored Procedures, Websphere, RAD, Unix, log4j,, BPM, Agile/Scrum Methodology, Maven, JIRA, TDD, Mongo DB, Jenkins, GIT, JUnit, Eclipse, SVN.

Client: Wireless Facilities Inc, CA Role: Sr. Java/J2EE Developer

Duration: September 2013 - march 2014

- Involved in various phases of Software Development Life Cycle (SDLC).
- Used **Rational Rose** for the Use Case Diagrams, Object Diagrams, Class Diagrams and Sequence Diagrams to represent the detailed design phase.
- Front-end is designed by using HTML5, CSS3, JSP, Servlets, JSTL, Ajax, DOJO and Angular JS.
- Involved in developing the CSS sheets for the UI Components.
- Persistence layer was implemented using Hibernate Framework and JPA.
- Developed various EJB components to fulfill the business functionality.
- Developed **Session Beans** to process requests from the user and used entity beans to retrieve and update customer information.
- Used cloud platform **AWS-SNS** to deliver push messages to applications.
- Created, Listed, Deleted and Purged queues on cloud platform AWS-SQS.
- Used message queuing service provided by cloud platform AWS-SQS.
- Beans are used as persistence layer and are used to interact with the Oracle database.
- Involved in writing Thread Safe blocks for multithread access to make valid transactions.
- Used Apache Axis for consuming SOAP Web Services with CXF web services using JAX-WS.
- Worked on developing Restful web services using Spring Boot.
- Monitored the error logs using Log4J and fixing the problems.
- Wrote UNIX Shell Scripts.
- Used **AJAX** to get the dynamic behavior of the screens.
- Used XML with SAX parser to transfer data between applications.
- Written the Rest Services to get the data from Oracle database.
- Developed and deployed applications on cloud platform.
- Implemented Test Driven (TDD) Design to build testable and maintainable application.
- Used Java/J2EE Design patterns like Business Delegate, Session Facade, Data Transfer Object (DTO) and Service
  Locator in the project extensively which facilitates clean distribution of roles and responsibilities across various layers of
  processing.
- Wrote PL/SQL stored procedures, Prepared statement and used API.
- Used **Maven** dependencies during implementing **CXF** web services.
- Wrote scripts to create tables, views, indexes and synonyms required meeting developer needs.
- Used Hibernate Transaction Management, Spring/Hibernate Batch Transactions and Hibernate cache concepts.
- Performed CRUD operations with data in Oracle database.

- Used Jenkins with maven for Build and Deployment.
- Used Sonar for maintaining the code quality and JUnit code coverage.
- Created Unit, Acceptance and Integration Test Documents and Code Review Documents.
- Used WebSphere Application Server deploying various components of application.

EJB, Hibernate, J2EE, Java, XML, Servlets, JSP, UML, JMS, Cloud platform, JSTL, HTML5, CSS3, JavaScript, Angular JS, AWS, Oracle, Jenkins, Ext JS, Maven, SOAP, CXF Web Services, UNIX, Ajax, CVS, Oracle, WebSphere Application Server.

Client: Capital South Bank, FL Role: Sr. Java/J2EE Developer

Duration: january 2011 - August 2013

## Responsibilities:

- Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using Agile Model
- Involved in the development of presentation layer and GUI responsive development using JSP, HTML5, CSS/CSS3,Bootstrap& used Client Side validations were done using Angular-JS, XSLT and JQuery (Masking), and Google graphs XMLDOM.
- Wrote WebServices using SOAP for sending and getting data from the external interface.
- Used the Tiles Framework and Tag Libraries in the presentation layer to simplify the complexities of the application.
- Used Spring Inversion of Control, to make application easy to test and integrate
- Used Auto wired Pojo.
- Functionalities include writing code in HTML, CSS, JavaScript, JQuery, Ajax, JSON, Angular-JS, and Bootstrap with oracle database as the backend.
- Web application development for backend system using Angular-JS with cutting edge HTML5 and CSS3 techniques
- Utilized Spring annotations and XML configuration for Dependency Injection
- Implemented web services for communicating by using **SOAP**.
- Provided connections using Spring JDBC to the database and developed SQL queries to manipulate the data.
- Used Spring DAO concept in order to interact with database (DB2) using jdbc template.
- Worked on Web Services Testing tools like SoapUI and Parasoft.
- Used Rational Clear Case for version control.
- Deployed Applications on Apache Tomcat Server.
- Used **CodePro** Analytics to make sure all the code maintain standards.
- Used Maven script for building and deploying the application.
- Involved in bug fixes, enhancements and code refactoring.

## **Environment:**

J2EE 1.5, JSP, angular js, Spring 2.5, XML, web Services, SOA, SOAP-UI, WSDL 1.1, SAX, JavaScript, Rational Clear case, Apache Tomcat Server, HTML,CSS,XSTL,DB2, Oracle11g/10g, Log4J 1.2, JUnit, Mayen

Client: CH Excellency pvt .ltd, Hyderabad, INDIA

Role: Java/J2EE developer

**Duration: November 2009 – September 2010** 

- Developed screens with JSP, AJAX and JavaScript, CSS, HTML.
- Utilized various JQUERY plug-ins to build Rich Internet Application (RIA) to make it look more intuitive.
- Used JSF framework in developing user interfaces using JSF UI Components, Validation, Events and Listeners.
- Designed the application using Agile Methodology.
- Determined & developed the Web Services.
- Involved in Creation of WSDL and schemas.
- Made proficient use of WSDL files. Used **SOAPUI** for testing the web services.
- Implemented SOA based web services, designed and built SOAP web service interface, implemented using SOAP & Apache
  Axis.
- Involved in Implementation of **Spring** IOC container.

- Extensively used DAO design pattern, including mapping DAO objects, configuration file and classes to interact with the **Sybase** database.
- Used **Core Java** concepts such as multi-threading, collections, garbage collection and other JEE technologies during development phase and used different design patterns.
- Wrote EJB Stateless session to communicate with Controller and Service layer i.e. make the EJBcalls from Backing Beans.
- Implemented **Spring JDBC** template, Spring Exception Strategy and AOP.
- Set up Web Sphere Application server and used **Ant** tool to build the application and deploy the application in Web Sphere Application server.
- Used UNIX Shell Scripting to update the databases and Start up the application server.
- Setting of DB2 build settings in RAD application development server.
- Used Apache JMeter for load testing.
- Maintained code source control using SVN
- Implemented JUnit for testing.

Java 1.5, Core Java, Spring, EJB,WSDL, XSD, JSP, AJAX, JavaScript, JFace, CSS, HTML, Web Services, Web App, SOAP, WebSphere Server, DB2 database Server, XML, JUnit, Sybase, Apache JMeter, Rational Unified Process (RUP), SVN

Client: Halcyon Softech Pvt Ltd, Hyderabad

Role: Java/J2EE developer

Duration: August 2008 – October 2009.

### Responsibilities:

- Developed programs for accessing the database using JDBC thin driver to execute queries, Prepared statements, Stored Procedures and to manipulate the data in the database
- Involved in resolving the Design issues and other project related problems
- Design patterns of Delegates, Data Transfer Objects and Data Access Objects.
- Developed the credit check module using Servlets and JSP.
- Involved in injecting dependencies into code using spring core module.
- CSS is used to style Web pages with user friendly guidelines.
- Deployed web components, presentation components and business components in Web Logic Application Server.
- Performed client side validations using JavaScript.
- Extensively worked on Java server side programming using Servlets, and JSP.
- Involved in peer code reviews and performed integration testing of the modules.
- Created and maintained mapping files, persisting classes and transaction control in JDBC to access the database.
- Developed DAO objects and implemented data access layer using JPA-Hibernate to perform CRUD operations.
- Developed session EJB and message driven bean (MDB) to process JMS XML messages.
- Implemented servlets to handle HTTP requests for on-line requests, credit card payments, registration and bug tracking.
- Extensively worked with XML schema (XSD), XSL/XSLT, and XML to navigate in XML documents, and SAX to process and parse xml files.
- Developed **Message Driven Beans** for asynchronous processing of alerts.
- Developed web services SOAP, WSDL and web services clients using JAXB and XML, implemented SOAP architecture.

**Environment:** Java 1.6, JUNIT, DB2, Rational Rose, CVS, UNIX, Struts 1.0, JSP, JDBC, EJB 2.0, ANT, XML, IBM Web Sphere, Servlets, Struts, JavaScript, JAX-WS (SOAP) web services, SAX.