

Ajitha R Vemula

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Professional Summary:

- ☐ Over 5 years of professional experience in user interaction, System Analysis, Design, Development and Implementation of web Application Systems using **JAVA/J2EE**.
- ☐ Experience developing applications using Object Oriented Programming concepts, Design Patterns, Model View Controller (**MVC**) Architecture.
- ☐ Worked extensively **on J2EE technologies** like **JSP's, Servlets, JDBC, EJBs** and **on J2EE Platforms** such as **IBM Websphere, Web logic, Apache Tomcat**.
- ☐ Good Experience in developing web-applications using **Struts, JSF, spring, Hibernate, Ajax and Java Script libraries**.
- ☐ Thorough experience in XML technologies like **XSL, XSLT, DOM, SAX**.
- ☐ Good expertise in Relational Database systems (**Oracle, MS-SQL Server, Stored Procedure, SQL**).
- ☐ Working Knowledge of web services implementation in a multi-platform **service oriented architecture**.
- ☐ Experience using **Eclipse, RAD** IDE and version control tools like **SVN, Dimensions, CVS**.
- ☐ Experience working in all phases of **SDLC** and efficient in **software engineering skills** including **use-case** diagrams, **sequence** diagrams.
- ☐ Have Strong Analytical, Problem Solving and debugging skills, excellent interpersonal and communication skills. Self-starter, motivated team player.

Technical Skills:

Languages	C, C++, Java, SQL, PL/SQL, JavaScript, HTML.
Web Centric Tech.	Servlets, JSP, EJB, JDBC, JMS, JNDI, HTTP/HTTPS, LDAP, DHTML, XML, CSS.
Software's	Struts , Spring, JSF, Swing, Applets, Hibernate, log4j, Junit
App/web Servers	IBM Websphere, Web logic Server, Tomcat
Middleware	JMS, RMI, ESB, WBI
Databases	Oracle, MySQL, MS-SQL Server.
Operating Systems	Unix, Windows 7, XP, 2000, NT
IDEs	RAD, Eclipse, Websphere Studio, Net Beans, JBuilder.
Tools	Maven, XML SPY, TOAD, SVN, Rational Clearcase

Educational Qualification:

□ Bachelor of technology in Computer Science Engineering, Jawaharlal Nehru Technological University Hyderabad, AP.

Digital Care

Jan 2013 – Present

Client : AT&T, Alpharetta, GA.

Position : Developer II

Description : Digital care is a web based application used by customer support agents to troubleshoot customer problems related to Digital accounts with AT&T. Agent uses different search criteria to pull the customer details. This application interacts with multiple backend systems to pull data related to the customer. This application is based on a 4-tier architecture consisting of a presentation layer, control layer, business logic layer, and data access layer.

Responsibilities:

- Participated in the design and analysis of front-end and back-end of the application.
- Developed User Interface that offers functionality based on the role (Manager, Tier1, Tier2 agents) using **JSPs, HTML, CSS, and JQuery**.
- Developed Asynchronous means of retrieval of data as **JSON** objects from the Server using **jQuery Ajax calls**.
- Developed the **Action classes** to execute the business logic and **Action Forms** to collect the input data from the users.
- Used **Validator framework** of the **Struts** for **client side** and **server side validation**.
- Developed Business Service layer to fetch data using **JAX-WS** web services.
- Used **Hibernate as Object Relational (OR) Mapping Tool** for the backend data persistence.
- Accessed and manipulated the Oracle9I database by writing **SQL Queries**.
- Used Apache **log4j** logging framework for logging of trace and Auditing.
- Involved in user training, documentation and production support.

Environment: Java, J2EE (Servlets, JSP, JNDI), Websphere, JDBC, XML, Java Script, RAD, SVN, Oracle, Struts, Hibernate, Axis2.0, Linux.

Preventice Care Pilot Solution

March 2012 – Dec 2012

Client : Preventice, Minneapolis, MN

Position : Systems Analyst II

Description : Preventice Care Pilot solution is a web application that allows healthcare consumers, and healthcare professionals to connect with each other to share health related information and to leverage resources, tools (trackers, reports, etc.) and interactive programs to increase medication adherence.

Responsibilities:

- Involved in life cycle, User Interaction, Requirement gathering, Design, Development, Testing, and Implementation,
- Developed Web pages using **Java Server Pages, HTML, CSS, Ajax, jQuery** and **JavaScript**.
- Developed business modules using **Hibernate & Spring frame work**.
- Configuration of application using spring, Hibernate, DAO's and Java Server Pages.
- Involved in doing various testing as per the specifications and test cases including Unit and Integration testing using **Junit**.
- Used **CVS** for version control.
- Participated in daily scrum calls and developed software using **Agile Methodology**.
- Efficiently managed the tasks and worked and delivered features in a fast paced scrum environment and provided critical reports to end users on time.

Environment: J2EE, Servlets, JSP, XML, HTML, CSS Struts, JavaScript, Oracle 9i, PL/SQL, JDBC, Websphere, Linux, Windows.

Client : Barclay Bank, Chicago, IL.

Sep 2010 – Feb 2012

Position : Developer Analyst

Description : Barclays Bank offers personal banking services to customers in 20 key countries around the world, and provides credit card facilities through Barclaycard to many more. The project scope Involved enhancement of 'Account Access and Online Banking' web application, which allows the customer to access the accounts and administer their various Checking and Saving Accounts. It also provides the 'Account Summary' (balances, last deposits, transaction history etc.) and ability to transfer the funds between the various accounts using 'Fund Transfers'.

Responsibilities:

- Involved in prototyping, proof of concept, design, Interface Implementation, testing and maintenance.
- Involved in the full life cycle of application development in Java as per use case specification..
- Involved in development of presentation layer using **STRUTS** and custom tag libraries.
- Worked on **Struts** Framework and developed action and form classes for User interface.
- Configured action mappings and the form beans in the struts-config xml file.
- Developed core business logic using EJBs and deployed on WebLogic 8.1.
- Used JSPs to create the front-end screens for the module.
- Enhanced the mechanism of logging and tracing with Log4j.
- Web services client generation using WSDL file.

- Rich authentication and authorization features ensure access to application is fully controlled with sophisticated and dependable security.
- Analyzed business processes and identified opportunities for improvement.
- Developed the test cases for unit testing using Junit.
- Wrote build scripts using Maven.

Environment: WebLogic, Struts, MS SQL Server, Java/J2EE, Ant, JDBC, Junit, log4j & Windows.

Accounter Live

Jun 2009 – Aug 2010

Client : US Steel - Pittsburgh, PA

Position : Software Developer

Description : The Accounter Live project is US Steel's web application that has complete business finances management tools like Invoicing, Inventory, and Support for all types of taxes, detailed financial reports, Business information and analysis features .The application records and processes accounting transactions within functional modules such as accounts payable, accounts receivable and trial balance. The web application also provides different reports related to Accounting Transactions, Invoicing etc.

Responsibilities:

- Involved in Business Systems Analysis, gathering Business Requirements, deriving functional requirements and system requirements from the Business Requirements.
- Implemented all the Transaction Specification documents for each screen mapping out the business requirements to the screen design.
- Developed the code using JSP, JSF, AJAX, JavaBeans, Spring Framework, Hibernate, Web Services, Java Script, JMS, JNDI, XML, XSLT and HTML.
- Developed presentation layer using JSP, JSF, CSS, AJAX, JavaScript, JSF Tag Libs
- Involved in implementation of application using conventional design practices (SOA-Service Oriented Architecture, MVC-Model View Controller).
- Ajax is used to dynamically retrieve selected state information from the database. It updates different areas on a JSF page based on the information from the Ajax response.
- Integrated spring framework with Hibernate that is used for Database operations.
- Involved in loading and storing objects using Hibernate and configuring Hibernate.
- Involved in the configuration of JSF, web based application (faces-config.xml, application_context.xml and web.xml)
- Created SQL and HQL queries, triggers, views to interact with Database.
- Used JAX-WS to implement Java WS for sending and receiving SOAP messages.
- Clear case has been used as a Version Controlling system.
- Deployed J2EE components (EAR/WAR/JAR) on WAS 6.1 using WAS Admin Console and WS_FTP.

- Performed Unit Testing, Functional testing to validate how better and feasible is the application to be used by the End-user.
- Coordinating with configuration team for test, release, and deployment.

Environment: Java, J2EE (JSP2.1, Servlet), AJAX, JSF, JMS, Hibernate, HQL, Oracle 10G, TOAD, HTML, CSS, XML, JavaScript, Websphere Application Server 6.1, Rad 7.0, Clear case, Clear Quest, web services, JAX-WS, WSDL, Tidal Software, , HP Service center, Junit.

Med-care

Aug 2008 – May 2009

Client : **Medwin Hospital, Seismic Technologies, India.**

Position : Software Developer I

Description : Med-care is an account receivable System for medical provider and multi-doctor office Health care system. Patient information, which keeps track of the information about the patient's right from the time patient is registered as an inpatient in the hospital till the time he is discharged. The information includes his demographic details, reason of admission, diagnosis details which are updated from time to time and also it keeps track of the location of the patient in the hospital and the services he has availed will be also be updated which will be appearing in the final billing at the time of discharge.

Responsibilities:

- Involved in prototyping, proof of concept, design, Interface Implementation, testing and maintenance.
- Created use case diagrams, sequence diagrams, and preliminary class diagrams for the system using UML/Rational Rose.
- Designed and developed the persistence tier using Hibernate framework.
- Designed and developed front view components using JSP and HTML.
- Developed re-usable utility classes in core java for validation which are used across all modules.
- Designed Data Model and Developed Stored Procedures using PL/SQL.
- Used JDBC API for interaction with the SQL Server Database.
- XML was used to transfer the data between different layers.
- Worked on database interaction layer for insertions, updating and retrieval operations on data.
- Guided team members on Struts Framework.
- Developed the Appraisal and KRA form using JSP, HTML, CSS and JavaScript.

Environment: J2EE, Servlets, JSP, XML, HTML, CSS Struts, JavaScript, Oracle 9i, PL/SQL, JDBC, Windows.