## Sruthi

### SUMMARY

* Software professional with **8 years** of experience in the analysis, design and development of **Java/J2EE applications**.
* Hands on experience using in J2EE (J2SE) and Web Technologies like Servlets, **JSP, JDBC, core UI, Front End, EJB, JSF, Struts, Tiles, HTML, Java Script, AJAX, XML, XSLT and Hibernate for developing portals using tools like RAD 5.0 and Eclipse**
* Experienced in installing, developing and deploying applications on application servers such as **Weblogic and IBM Websphere and web servers like Apache Tomcat**
* Expertise in designing Event Handling Models such as **Listener and Dispatcher in OO JavaScript**.
* Excellent experience in developing web pages complying with Web Content Accessibility Guidelines (**WCAG**) and ability to apply W3C web standards.
* Strong experience in Front End Development using technologies like **JavaScript, AJAX, HTML, CSS, JSPs,AngularJS,React JS, Node JS.**
* Experience in developing Single Sign-on (SSO) Solutions using Java**, SAML and TFIM.**
* Proficient in building Web User Interface (UI) using **HTML5, DHTML**, table less **XHTML**, CSS3 and **JavaScript** that follows W3C Web Standards and are browser compatible.
* Knowledge in **C, C++, PEGA 5.0 and Maven.**
* Hands on experience in design & manage applications on **AWS** Cloud infrastructure (EC2, IAM, S3, Lambda, Docker).
* Experience in working **CICD**tool like Jenkins.
* Good expertise in SSO implementation on **TFIM** with **SAML2.0** and other prime tool.
* Development and deployment experience with **BEA Weblogic 10.3.2/9.x/8.x, JBoss, IBM WebSphere 6.x and Apache Tomcat 6.x** running on multi operating systems including **UNIX** and application deployment functionalities using **UNIX shell scripts** and exposure toKorn shell for shell scripting.
* Experience in complete Software Development Life Cycle, such as **Analysis, Planning, Design, Implementation, Testing, Deployment and Enhancements**.
* Experience in the Web Application GUI Development using **HTML, CSS, JavaScript, XML and AJAX, DOJO Tool kit**.
* Experience in using Open Source frameworks like **JUnit, Log4J, ANT, Maven.**
* Hands on experience and knowledge on different modules of Spring framework like **Spring-Core**, **Spring MVC,Spring ORM, Spring AOP** and **Spring-Boot.**
* Strong experience in **OOA/OOD, UML, Rational Rose, RUP** (Rational Unified Process) Methodologies and **MVC** based frameworks like **Jakarta-Struts** and **IBM – JSF, CASPER Framework**.
* Experienced in logging and tracing tools like **log4j**
* Expertise in implementing applications and data transformations using **XML and XSLT**
* Proficient with standards in **Designing and documentation** as per ISO
* Experience in developing and maintaining medium to large-scale web applications in **Finance, Investment and Insurance domains**
* Expertise in using the **Test-driven Development (TDD)/ Test First Development (TFD)** using the automated test frame works like **JUnit and HTTPUnit**.
* Strong experience in **Windows**, **UNIX**, **Linux** environments.
* Extensively **used Database (DB) SQL queries, Stored Procedures, Functions and Packages** for various validation purposes using **Oracle 10g/9i/8i, MySQL, SQL Server 7.0, MongoDB,IBM UDB DB2 9.x/7.x, MS-Access, Sybase 10.x.** Strong Experience in database design.
* Experience in developing application, automated scripts leveraging **MongoDB**.
* Knowledge of **Cassandra** maintenance and tuning - both database and server
* Expert in Core Java with strong understanding of Core Java Concepts, **Multithreading and Event/Exception handling**.
* Experienced in handling end users and troubleshooting real-time issues in production environment including network, operational and application problems.
* A team player, strong interpersonal and communication skills, Professional demeanor and analytical skills with a high learning acumen to adopt new tools and technologies with ease and seamlessly integrate skill sets into the project implementation lifecycle.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Java Technologies** | Core Java, JDK Update 5/6, JSP, JDBC, Spring, Struts, Hibernate, Java Web Services, JUnit, SOA, CSS, AJAX, JNDI, AWT, Swing, ANT Scripting Language, XML, JSON, XSLT, JavaScript, Unix Shell, WSDL, Design Patterns. |
| **App/Web Servers** | Apache Tomcat 4.x/5.x/6.0, WebLogic 11, IBM WebSphere 5.x/6.x,  JBoss 4.x. |
| **IDE and Tools** | Eclipse, JUnit, ANT, Bugzilla, ClearQuest, TOAD (Databases), JBoss Developer Studio. |
| **Databases** | Oracle 10g/9i/8i, DB2, MS SQL Server 9.0/8.0/7.0, MS Access 97/2000,MongoDB,Cassandra. |
| **Web Technologies** | HTML, JavaScript, JSP, DHTML, Ajax, CSS, DOJO |
| **Protocols** | HTTP, HTTPS, FTP, SMTP, POP3, TCP/IP & LDAP. |
| **Testing Tools** | JUnit, Bugzilla, Log4j |
| **UML Tools** | Microsoft Visio. |
| **Design Method** | UML, OOA, J2EE Design Patterns |
| **Performance Tool** | JProfiler and Clover |
| **Methodology** | Agile Refactoring, IBM Rational Unified Process (RUP). |
| **Operating System** | Windows XP/Vista/7 and Windows Server 2008, UNIX, Linux 10/12/14, MacOS |
| **Version Control** | CVS, Subversion, Rational Clear Case Version Control. |
| **XML Technologies** | XML, SAX, DOM, JAXP, JAXB, SOAP. |

**Professional Experience:**

Client : **ATT, Plano, TX Nov2014 – Till Date**

Project : **Billing API**

Designation : **Senior Java Developer**

**Project Description:**

Worked as a Billing API Developer . Bdebill application is a online support which offers users the ability to manage their AT&T billing information conveniently and efficiently online. A dynamic billing experience that allows customers to view, analyse, dispute, and pay bills days before a paper bill would normally arrive. Customers can also register for auto pay services. Customer’s get visibility into the details of usage and costs-across multiple systems, services, companies or countries.

**Responsibilities:**

* Involved in Requirement Analysis – creating Artifacts Viz. Use Cases, Class Diagrams etc. Used **Ms-Visio** for creating the design phase diagrams. Involved in all phases of **Software development life cycle.**
* Coded dynamic and browser compatible **UI** web pages using **JavaScript, CSS3, HTML5, JQuery, Ajax, Angular JS**,**Node JS**and responsive design in MVC environment.
* Involved in using JMS &**IBM MQ** Series for Asynchronous messaging.
* Responsible for installing and testing the **ISAPI plug-in** in the Intel servers to proxy the request from customers to the backend servers (Solaris). Used **Log4j** API for application logger.
* Created **Swing** component which consumes **JAX-WS** web services to get the Voicemail Data(FMC) .
* Hibernate integration with Spring MVC was setup and **Ehcache** based second level caching mechanisms and familiar with concepts of repeatable read isolation and soft locking with read-write strategy.
* Created distributed Oracle coherence domains, configuration and system design.
* Used **AGILE** as development methodology and used **ATDD** (Test Driven Development) methodology for developing the application and participated in Agile Sprint planning.
* Implemented an **OAUTH** gateway for API security.
* Used Apache Mule to create Rest Web Services with **OAuth** authentication and integration with external clients.
* Worked on the **SAML** authentication for the Single Sign On page.
* Designed, implemented Single Sign-on solution using Tivoli Federation Identity Manager (**TFIM**)
* Used Cascading Style Sheets (**CSS**) for styling and to achieve uniformity.
* Developed API’s for generating **XML, JSON** content to be used by FMC Frontend. Coded utility Components in **Java** for marshalling and unmarshalling XML file.
* Designed and implemented application using **JSP**, **Spring MVC, Spring IOC, Spring Annotations, Spring AOP, Hibernate, Oracle**.
* Configured **AWS** Identity and Access Management (**IAM**) Groups and Users for improved login authentication.
* Involved in best practices for Cassandra, migrating application to Cassandra database from the legacy platform for Choice, upgraded Cassandra from 2.0 to 2.2.5.
* Worked on messaging frameworks like **Kafka**, tuning optimization, meeting non-functional requirements and **SLA** mentioned latencies.
* Worked on Configuring **Zookeeper**, **Kafka** cluster.
* Load tested to test the performance of **Kafka** and **JMS** and compare stats.
* Have worked on **Oracle10g** database for storing and retrieving the application data.
* Created connections to database using **Hibernate session Factory**, using Hibernate APIs to retrieve and store data to the database with **Hibernate transaction control**.
* Used Continuous integration tool **Jenkins** for deploying the project.
* Responsible for checking the **MS-SQL Server** Database for records to verify the Order Provisions.
* Tested the **Load-balancing rules (CSS rules)** and **Firewall rules.**
* Performed J2EE application deployment using **JBoss** application server on **Windows** and **Linux**.
* Involved in **Production support** of the Application mentoring the offshore and onshore teams to resolve critical issues. Coordinating with the team to ensure deliverables.

**Environment**: JDK 1.6., XML/ XSL/XSLT, JSON, AJAX, XML, XML Parsers (DOM, SAX), Junit, PL /SQL Stored Procedures, SPring MVC, ISAPI Plugin,Cassandra,windows 2003/Solaris 10, Ms-SQL 2005, UML, JSF, NetBeans 6.8, TDD(Junit) CSS, SQL, HTML, AJAX,Putty (IDE for Linux), log4j, Angular JS, MQ, AWS, Kafka, MongoDB, NodeJS.

Client : **Comerica Bank, Detroit,MI Jan2014 – Oct 2014**

Designation : **Senior Java Developer**

**Project Description:**

Comerica Bank is one of the secured financial institutions that serves huge domain of customers. Bank offers various financial and banking services to its customers. The functionalities involved in e-bill payment are Add a Payee, make a Payment, set up Automatic Payments, receive Bills Electronically, request E-mail Notifications and review Payments. The application also supports intra and inter-bank transfer of funds for a given customer.

**Responsibilities:**

* Worked on the design of the entire **end-to-end architecture** for the project. Designed the UI, the services layer and the database object model design based on Java Spring 3.0 MVC architecture.
* Designed and developed highly customized **front end** Screens using **DOJO**, **JavaScript**, **HTML, CSS , Angular JS** as a Rich Internet Application (RIA).
* Developed an exclusive **Forgot** and **ResetPassword** application for the system where users will be sent password reset instructions by email to reset their password.
* Produced content pages with **CSS3** layout and style markup presentations and also used **JavaScript** methods and properties.
* • Implemented caching using **EHCACHE** for the DAO and Service regions.
* Implemented the validation, error handling, and caching framework with Oracle Coherence cache.
* Front-end integration of advanced **HTML**, **JavaScript, CSS** with pre-built **JSP** pages using Eclipse with **SVN/CVS** for source control.
* Followed Quality Assurance Process for Online Banking credit card application (Agile, ATDD, TDD, BDD).
* Implementation of **OAuth** Framework Authorization for Web Application.
* Developed Enterprise Single Sign-on (SSO) solutions using Java, **SAML and TFIM.**
* Developed the service layer **Restful** Web services using **RestEasy** to support the front end **AJAX** calls in JavaScript and transfer of data across different applications.
* Designed and developedan **Enterprise Service Bus (ESB) Architecture** for integration of different data systems and sourcesfor the Labor data application.
* Responsible for checking the request and response from **ESB**.
* Validating, modifying updating, and creating SQL (DB2) databases for clients using Iseries IBM tool.
* Queued incoming messages in **Kafka** which were later ingested into Elastic Search and displayed on Kibana.
* Involved in **CICD** process using **GIT**, Jenkins job creation, Maven build and publish, and Fabric implementation.
* Developed UI pages with JSF framework. ➢ Used JSF framework in developing user interfaces using JSF UI Components, Validator, Events and Listeners.
* Developed the service layer **Restful** Web services using **RestEasy** to support the front end **AJAX** calls in JavaScript and transfer of data across different applications.
* Implemented **ajax/json** routing and handling infrastructure based on Content-Type and Accept headers.
* Created sample code to test the **CICD** (continuous integration continuous delivery) pipeline.
* Created a single file for all the variables which are going to use by **CICD** pipeline.
* Applied Dojo **MVC** Framework architecture to develop a highly modular and unit-testable front-end architecture for the front end development.
* Developed custom **Dojo Widgets**, Enhanced Grids and the next generation using **Dojo** libraries.
* Developed **JSON** templates as data input format to feed the DOJO JavaScript program to render data on UI.
* Developed the DAO layer using Java **JPA** specification to setup object relational mapping to support the database operations for the service layer operations.
* Installed and deployed the application on the **JBoss** Application Server, with JBoss Developer Studio being the IDE for development and built the project using **Maven** script.
* Developed export to pdf, excel feature for the UI data grids using Dojo API.

**Environment**: JDK 1.6, Dojo 1.8, JBoss Developer Studio, Maven, JavaScript, JSP, Ajax, Spring MVC, RestEasy, Hibernate, Oracle 10g, SVN, Agile development, Windows, CSS, HTML, Putty,Angular JS,CCID,Kafka,DB2.

Client : **Century Link, Denver, CO Sep 2012 – Dec 2013**

Title : **LoopQual**

Designation : **Java Developer**

**Project Description:**

The application allows customers to process multiple of financial transactions using multiple currencies as per their profiles and purchases. The system can be customized to certain customer needs and has the ability to interface with accounts payable, referrals and discounts for their purchases. Designed modules such as inclusion of Audio, Video and Picture uploads, added games and flash images into the company’s website, created new text fields, dropdown boxes and selection boxes for the user to enter and store the data etc.

**Responsibilities:**

* Developed interactive modules using **JSP** and Servlets.
* Designed a **3-tier web based client/server** application consisting of the web browser, the Servlets and **RDBMS.**
* Created UML diagrams (use case, class, sequence, and **collaboration**) based on the business requirements.
* Designed front-end web applications by writing **HTML** code with the help of Search Engine Optimization (**SEO**) techniques.
* By using JavaScript, developed the web-based UI by connecting the backend database objects from object model design**.**
* Troubleshoot and resolve low-high impact issues on production site as well as during production launches which involved browser compatibility around **JavaScript/CSS** and **XML/JSON AJAX** data issues.
* Designed front-end using **JSP, DHTML**, **HTML**, **JavaScript, and CSS.**
* Involved in designing and developing dynamic web pages using HTML and **JSP** with **Struts tag** libraries.
* Designed JSP layout using Struts Tiles Framework.
* Wrote **JSPs** and the corresponding Action Forms.
* Used **JDBC** and involved in writing SQL, Stored procedure and PL/SQL for back end.
* Created the **Struts Action Servlets**.
* Used JavaScript for client-side validation and Struts Validator Framework for form validations.
* Implemented **SQL** queries and used Oracle stored procedures and built-in functions to retrieve and update data from the databases.
* Performed Unit testing and integration testing.
* Designed **XML** based generic Framework for Crystal Reports

**Environment**: JDK 1.5, EJB, Struts, JSP, Servlets, HTML, Java Script, AJAX, XML, XSLT, Weblogic 8.1, Oracle 9i, TOAD, JUNIT, Webservice, LOG4J, ANT, Rational Clear case, Eclipse 3.3 and Windows XP

Client : **FedEx, Collierville, TN Oct 2010 – Aug 2012**

Title : **Maxi Materials**

Designation : **Java Developer**

**Project Description:**

FedEx is the 2nd largest shipping company in the United States. I am working as a member of Maxi Materials project under the Air Operations Desktop team. This project is to replace existing mainframe system to web based applications with Rich User Interface. The main responsibilities include the complete development of Purchase Order for flight supplies, Supplier/Vendor search, Track shipping and multiple reports with Charts.

**Responsibilities:**

* Using **core JAVA** developed a web-based Quiz and testing software.
* Developed an original object model design using database objects.
* Developed user interfaces using **JSPs, XHTML, CSS, JavaScript and AJAX**.
* Generated **Class Diagrams, Sequence Diagrams with Microsoft Visio and RAD**.
* Designed and developed highly customized **front end** Screens using **SenchaExtJS framework library**, **JavaScript**, **HTML, CSS** as a Rich Internet Application (RIA).
* Designed patterns implemented such **as Singleton, Front Controller, Factory pattern, Data Access Object.**
* Involved in writing **of Web services using SOAP, WSDL, deployment, and configuration and testing.**
* Wrote **SQL, PL/SQL and stored procedures** as part of database interaction.
* Extensively used **Hibernate for Object Relational Mapping for data persistence**.
* **Unit testing, bug fixing in multiple environments (DEV/INT/CERT/PROD)** and reproduce bugs for fixing and code review of individual modules in the application.
* Parsed **XML using SAX Parser** and send that data to consumers as part of Batch Application.
* Developed unit test cases using **JUnit framework**.
* Accessed and manipulated the **Oracle10g database by writing SQL Queries**

**Environment**: Java, Dojo, JBoss Developer Studio, Maven, Javascript, JSP, Ajax, Spring MVC, RestEasy, Hibernate, Oracle 10g, SVN, Agile development, Windows, CSS, HTML, Putty.

Client : **AEGIS Limited, NJ, USA Mar 2008 –Sep 2010**

Title : **AEGISlink Application**

Designation : **Junior Java Developer**

**Project Description:**

Associated Electric & Gas Insurance Services Limited (AEGIS) is a non- assessable Mutual Insurance Company to serve the utility and related energy industry. AEGIS offers a wide range of sophisticated insurance and risk management products and services to all the clients. All the information about AEGIS products, services and international capabilities is available through the AEGISlink application. This application allows registered AEGIS members and their designated brokers to view their policies and claims, apply for coverage, submit claims, access industry data.

**Responsibilities:**

* Used HTML for design, Java Script for client side validations and JSP using ODBC on the server.
* Developed Action Forms and Models.
* Implemented Model View Controller (MVC) architecture Using Struts Framework at the Web tier level to isolate each layer of the application to avoid the complexity of integration and ease of maintenance.
* Extensive Hands on experience in SQL Server Management Studio2000/2005/2008.
* Developed queries and Data Models to support user transactions and improve performance.
* Thorough involvement and knowledge of **OOSD.**
* Used XML tools and Web Services to extract data useful for the Data Loads of the portal.

**Environment**: Java 1.5, J2ee, Adobe Flex 3, Flex Builder (Eclipse Plug-In), Spring ORM, Web services, XML, JUnit, Eclipse 3.4, Blaze DS Services, Oracle, CSS, Unix,