**Mallika V**

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**Professional Summary:**

* 8+ years of IT experience encompasses software design, development and maintenance of custom applications.
* Strong background in Core Java concepts like, Collections Framework, threads and Java Reflection. And, possess hands on experience in building activity diagrams, sequence diagrams, Class diagrams, activity diagrams and flow charts using Visio and Rational Rose.
* Hands on experience with the AWS LAMBDA which is used in compute service that runs your code in response to events and automatically manages the underlying compute resources for you
* Perform the FileNet IBM IS/P8 application/component deployments.
* Perform FileNet IBM P8 System health checks, monitor the system alerts and resolve them.
* Developed templates and providers and web-based rules maintenance application. And deployed the drool rules as a service in J2EE stack environment.
* Experience in designing and developing interactive User Interfaces, usability, web and client/ server applications using HTML5, CSS3, JavaScript and JQuery
* Used naming conventions and best coding practices while writing code in HTML, CSS and JavaScript,
* Hands on Experience with the AWS (Dynamo DB, EC2, S3, RedShift, Kinesis, Lambda),
* Extensive experience in JQuery, JQuery plug-ins, AJAX, dynamic HTML and JSON.
* Hands on experience with the AWS Lambda which is used to maintain the storage, improve performance and to maintain the security issues of the application.
* Solid database connectivity skills which includes Oracle, DB2 and MYSQL and programming with SQL, PL/SQL, and Stored Procedures, Triggers and Sequences, Functions and Cursors and Packages besides writing DDL, Transactional and DML queries with SQL developer development tool.
* Skillful in using different Java IDE’s like Eclipse IDE, IB Visual Age, Net Beans, Xcodes, Visual Studio.
* Expertise in Server side development using Java, J2EE, EJB, JNDI, JDBC, RMI/IIOP in environment like Windows and UNIX.
* Three tier architectural frameworks such as MVC (Model View Controller) in developing applications using Struts, spring framework.
* Extensive experience in developing web Applications using Struts framework implementing Action Classes, Action Forms, Struts Validation Framework, Struts Tiles and Struts Tag Libraries.
* Experience in writing the Drool rules in both rule flow and drools fusion for fetching the rule data from the database.
* Experience in Hibernate 3.0 which includes integrating legacy databases, writing custom CRUD statements, integrating stored procedures and functions and also performed polymorphic associations.
* Hands on experience with the Express JS and Node JS framework which are used to build the single web page application.
* Proven expertise in implementing IOC and Dependency Injection features in various aspects of Spring Framework (Core, Web, JDBC, MVC and DAO) and also experienced in integrating Spring Web Flow with other frameworks like JSF..
* Expertise and hands on experience in Web development using HTML, DHTML, AJAX, CSS, JavaScript, XML, XSL, XSLT validations with DTD & XML Schema and processing files with SAX, DOM Parsers.
* Complete knowledge on software development life cycle like agile development model.
* Good analytical ability and excellent communication skills.

**Technical Skills**

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| **Programming Languages** | Core Java, J2EE, SQL, C, C++, PL/SQL. |
| **Web Technologies** | JSON, JSP, Servlets, GWT, JDBC, JSTL, JMS, JPA, EJB, Web Services, SOAP, REST, WSDL, HTML, HTML4, HTML 5, CSS, CSS 3, DHTML, Java Beans, JavaScript, Dojo, Angular JS, AJAX, Bootstrap, AWS (Dynamo DB, EC2, S3, RedShift, Kinesis, Lambda), |
| **XML Technologies** | XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB. |
| **Web/App Servers** | Apache Tomcat 4.0/5.0/6.0, Web Logic 8.1/9.1, Web sphere 7.0, Web Sphere Application Server 8.0 & RAD 8.5, JBoss. |
| **IDE** | Eclipse, Eclipse IDE, Net Beans, Red Hat Developer Studio, WSAD, IBM RSA development IDE. |
| **Tools** | Ant, Maven, Jenkins, PL/SQL Developer, Junit. |
| **Operating systems** | Windows, Mac, UNIX, Linux, Sun Solaris. |
| **Databases** | Oracle 8i/9i/10g/11g/12c, My SQL, MS SQL Server, DB2. |
| **Frameworks** | Struts, CSS Frameworks, Spring (Dependency Injection, Spring MVC, Factory Pattern, Core, Spring Context, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, Log4j. |
| **OO Modeling** | UML, Rational Rose, Visio. |
| **Version Control systems** | SVN, CVS, Git, RTC, Jira, CM Synergy, Rational Clear Case, VSS. |

**Professional Experience**

**Client: Chick-Fil-A, Atlanta, GA**

**Role: Java cloud Developer Jun 2016 - Till Date**

**Description**:

Chick-Fil-A develops applications for Chick-Fil-A restaurants. Where they use Cloud/AWS services to develop those applications. The main concentration is to store the data in to the Red Shift (or) RDS (or) Postgres, using Java (or) python languages.

**Responsibilities**:

* Involved in design and development phases of **Software Development Life Cycle (SDLC)**.
* Developed front-end screens with HTML, DHTML, CSS, JavaScript and JSP's.
* Involved in creating infrastructure for **Armada Application**.
* Used **JIRA and Maven** Tools.
* Wrote rules directly in the Drools Rule Language(DRL) and decision table.
* Participated in **Scrums and Sprints** for developing the infrastructure.
* Worked with the **Kinesis Streams** which stores the files as streams.
* Created **API Gateway** through which the **JSON files** are processed into the **S3 Buckets**.
* Worked with the **JSON file**, and used the **S3 buckets** to store the **JSON files**.
* Worked with core java and Drool rule engine and participated in all aspects of software life cycle.
* Hands on experience with using the IBM FileNet Deployment Manager with assets for doing migration to different environments
* Used **Lambda** to create **roles and triggers** which helps in running the application manually when deployed.
* Worked on production for the application Armada, which I have been working.
* Created **Lambda** and enabled it to run automatically whenever data hits the **Kinesis Streams.**
* Encountered many issues during the production support and solved the issues very effectively.
* Used the **Cloud Watch logs**, through which we can monitor the behavior of the application once deployed into cloud.
* Implemented a highly scalable, performance efficient Drools architecture.
* Used **Elastic Beanstalk** which is a server, where we deploy the application.
* Used **KMS Encryption**, were we encrypt the highly confidential details and deploy the application to server.
* Used **Python scripting** to encrypt the confidential details and deployed the application to cloud.
* Developed application, maintained by supporting the application at the time of production.
* Used **the EC2 instances** for purpose of resizable computing capacity.
* Used Red **Shift service** for the purpose of storing data.
* Worked on **splunk** through which monitoring of lambda is more doable.
* Worked on **JUnit** test cases.
* Developed the custom data grids upon **JQUERY** framework to deliver the business data.
* Used **JQUERY plug-ins** to implement features as a light box, sliders and other intuitive features.
* Implemented User Interface and integrated with backend code, **Node.JS** as server side technology.
* Extensively used **Spring MVC 4.0 Framework, EJB, Open JPA, Java script, JSP, Ajax, web logic and Oracle.**
* Created, optimized graphic websites and application interfaces using **HTML, CSS, Bootstrap**.
* Used **Node.js Grunt** to setup lint, magnification task, test runner tasks
* Used Node.js **Bower.js** for UI Dependency management.
* Developed **JavaScript** library for rendering domain-specific layout **XML** to the web
* Developed **Junit test cases** and for all the developed modules.
* Used **Log4J** for logging and tracing the messages.
* Used **Rational Clear Case** for version control across common source code used by developers.
* Extensively used **Hibernate 3.0** in data access layer to access and update information in the database.
* Hands on experience on **Hibernate query language** for searching dynamically.
* Used **Spring 3 Framework** for Dependency injection and integrated it with the Struts Framework and Hibernate.

**Environment: API Gateway, Kinesis Stream, S3, Lambda, Elastic Beanstalk, EC2, Red Shift, Splunk, JUnit, Spring MVC, JavaScript, Hibernate 3.0 ,Drools, Log4J, CSS, HTML, DHTML, XML, Angular JS, Node JS, JQuery, Ajax,.**

**Client: PNC, Pittsburgh, PA**

**Role: J2EE Developer Feb 2014 - Jun 2016**

**Description**:

PNC banking applications helps the individual, business organizations and governments to access their accounts through online web-site or Apps. This provides us with the flexibility of accessing, updating, deleting and adding activities.

**Responsibilities:**

* IDE, Apache Tomcat Server Involved in design and development phases of Software Development Life Cycle (SDLC).
* Involved in designing UML Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Designed table-less layouts using CSS and appropriate HTML tags as per W3C standards
* Developed front-end screens with HTML, DHTML, CSS, JavaScript and JSP's
* Developed the custom data grids upon JQUERY framework to deliver the business data.
* Created, optimized graphic websites and application interfaces using HTML, CSS, Bootstrap.
* Developed JavaScript library for rendering domain-specific layout XML to the web
* Developed AJAX based UI framework by utilizing JQUERY library.
* Used the Python programming language along with the other programming languages.
* Installed the applications on AWS EC2 instances and configured the storage on S3 buckets.
* Developed user interface using JSP, JSF, JSP Tag libraries, Ajax, Struts Tag libraries and Java Script to simplify the complexities of the application.
* Implemented pages look and feel and Ajax calls using JQuery features.
* Implemented Model View Controller architecture using Struts 2 Framework at presentation tier.
* Extensively developed the API’s to provide the interaction while developing the GUI.
* Extensively used Spring MVC 4.0 Framework, EJB, Open JPA, Java script, JSP, Ajax, web logic and Oracle.
* Used the S3 storage for the storage purpose.
* For single page applications extensively used the Node JS server framework.
* Designed various tables required for the project in Oracle 11g database and used the Stored Procedures in the application.
* Developed large-scale, real-time, live blogging server and UI compatible forNode.jsApplication.
* Developed Junit test cases and for all the developed modules.
* Used Log4J for logging and tracing the messages.
* Extensively used Hibernate 3.0 in data access layer to access and update information in the database.
* Hands on experience on Hibernate query language for searching dynamically.
* Used Spring 3 Framework for Dependency injection and integrated it with the Struts Framework and Hibernate.

**Environment:** Oracle WebLogic Server 11gR1, Eclipse, Eclipse IDE, PORTAL, JSP 2.0, Servlets 2.3, Ajax, Struts 2, Hibernate 3.0, Spring 3.0, JMS 1.1, API, MongoDB, Cassandra, TDD, Facelets, PostGre, Scala, Node.JS, AWS (Dynamo DB, EC2, S3, RedShift, Kinesis, Lambda), XML Web Services, SOAP, WSDL, Bootstrap, JAXB, Log4J, JUnit, ANT, JavaScript, ES2015 (ES6 / ES7), JQuery, HTML5, CMS, XSLT,Kony Rational Clear Case, PL/SQL, Oracle 9i, Rational Rose, Windows XP.

**Client: CITI, Irving, TX**

**Role: J2EE Developer Sep 2011 - Oct 2013**

**Description:**

The Citi Bank application provides us with the flexibility. The Citi Bank application provides us with the flexibility of accessing the account online through which certain activities can be performed. It makes the individual, business or government groups work easy.

**Responsibilities:**

* Spring Boot favors convention over configuration and is designed to reach the application goals.
* Used the API while developing the GUI.
* Implemented the AWS Kinesis Trusted Advisor to provision resources and improve performance, reliability and security issues.
* Involved to create different cross operating system compatible user interactive mobile application pages, using web technologies like Kony, HTML, XHTML, and CSS.
* Implemented agile methodology and actively participated in scrums.
* Involved in requirement gathering, Analysis and Documentation.
* Participated in change requirements and Bug fixings.
* Used Angular JSand the React JS for single page Applications.
* Extensively used Spring MVC 4.0 Framework, EJB, Open JPA, Java script, JSP, Ajax, web logic and Oracle
* Used the Amazon Web Services (AWS) to maintain the storage.
* Involved in design and development phases of Software Development Life Cycle (SDLC).
* Involved in Peer review of production data base (Oracle) scripts.
* Worked with peers to migrate legacy data.
* Developed various generic JavaScript functions used for validations.
* Database development required creation of new tables, PL/SQL stored procedures, functions, views, indexes and constraints,triggers and required SQL tuning to reduce the response time in the application.
* Used AWS Lambda to deal with the performance and security issues of the application.
* Used Log 4J utility to generate run time logs.

**Environment:**

Core Java/J2EE, Spring MVC, JSF, Agile, Log 4J, CMS, API, Ajax, Eclipse IDE, Angular JS**,** PORTAL**,** Web Logic and Oracle**,** RTC and NSD, Oracle, EJB, MongoDB, JavaScript, JPA, PostGre, Scala, Node.JS, Open JPA, PL/SQL. AWS (Dynamo DB, EC2, S3, RedShift, Kinesis, Lambda), Eclipse, Kony, HTML, XML.

**Client: Eminence IT Solutions, Indiana TX**

**Role: Java Developer July 2009 - Aug 2011**

**Description:**

EFS are a web-based product that integrates with B2C and B2B market places to provide online financial services to marketplace customers. The EFS provides invoice management and online payment services (e.g., ACH, credit cards, wire transfers) using existing Banking systems. It can be either B2C or B2B; marketplaces are the direct customers of the EFS. Financial services via EFS are enabled following a marketplace registration process. Users of the marketplace (e.g., buyers and sellers) are then enrolled with the EFS as users of the registered marketplace. Upon enrollment, financial services are enabled to the users as per the agreement with the associated marketplace.

**Responsibilities:**

* Extensively used MVC, Factory, Delegate and Singleton design patterns.
* Created RESTful web service to manage debit card accounts (SOAP client to Visa backend)
* Used Spring Framework AOP Module to implement logging in the application to know the application status. Used Spring DAO Module along with Struts Framework to deal with Database.
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from the actual application code.
* Used JavaScript for the client side validation.
* Used XMLHttpRequests Object to provide asynchronous communication as part of AJAX implementation.
* Extensively used OOD architecture.
* Involved in design and development phases of Software Development Life Cycle (SDLC).
* Designed and implemented Java Classes to use JAXP parser to create Java objects so as to be able to modify the data received in the response.
* Used SOAP for Web Services by exchanging XML data between applications over HTTP.
* WSDL was used for publishing Web Service interfaces.
* JUnit tests were written to test each module in the application.
* Developed, and debugged the servlets and EJB with WebSphere Application server.
* Developed the middle tier using EJBs, Java Servlets.
* Designed and developed the UI using Struts view component, JSP, HTML, CSS and
* JavaScript, AJAX, JSON.
* Designed the data flow for the client-side screens and the object interaction layer for the server side components using Rational Rose.
* Involved in Use Case Realization, Use Case Diagrams, and Class Diagrams and Sequence diagrams using Rational Rose.
* Involved in Code Review, Unit Testing and Integration Testing.

**Environment:**

Core Java/J2EE, Servlets, JSP, Java Swing, JSTL, Struts, EJB, JMS, XML, XSLT, JDBC, AJAX, IBM WebSphere Application Server 6.0, DB2, WSAD, IBM MQ, HTML, CSS, JavaScript, Eclipse, UML, Rational Rose, Windows XP, CVS, JUnit, ANT, Adobe Flex, Visio**.**

**Client: IndoGlobals Health Sciences Chennai, INDIA**

**Role: Java Developer May 2007 - June 2009**

**Description:**

The objective of APM (Advanced Patient Management) is to develop a web based system to monitor the patient condition by the physician by using Latitude devices and to eliminate many office visits by a patient. In-home remote follow-up can increase patient satisfaction and improving physician workflow. The combination of device data with meaningful external sensors can provide an effective means to help manage patient health.

**Responsibilities:**

* Involved in the development of various front-end modules.
* Worked in deadline driven environment.
* Developing Java script modules for client side validations.
* Developed core Java backend tools.
* Developed custom tag libraries for formatting contents in JSPs.
* Developed and deployed EJBs on the server.
* Involved in the production support for the application.
* Developed various server side components using various J2EE technologies.
* Involved in the development of different user interface screens using JavaScript, CSS, and HTML.
* Used the Software Development Life Cycle (SDLC).
* Developed presentation modules using Struts framework.
* Developed various controller components using Struts framework.
* Extensively used JDBC to access the database objects.
* Extensively involved in coding of various design patterns.

**Environment**:

Core Java, JDK, J2EE, Servlets, JSP, Struts, MVC, EJB, Java Beans, SQL, PL/SQL, Design Patterns, JDBC, JBOSS, Log4J, Apache ANT, JavaScript, CSS, HTML, XML, DB2, Stored Procedures, Windows 2000/NT/98 OS.