MALLIKA V

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**Professional Summary:**

* 7+ years of IT experience encompasses software design, development and maintenance of custom applications.
* Strong background in Core Java 1.8 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 Dockers where they are used in developing and running distributed applications.
* Professional web application development usingHTML5, CSS3, JavaScript, Node.js, Angular 2.0, Backbone.js.
* Good knowledge in Twitter Bootstrap, Metro UI, Mobile Web App Development and Responsive Design
* Hands on experience with developing applications using Web Service like SOAP, RESTFUL.
* Hands on Experience with the AWS (Dynamo DB, EC2, S3, RedShift, Kinesis, Lambda, SQS).
* Hands-on experience in writing PL/SQL stored procedures, triggers, functions in Relational Databases like Oracle, PostgreSQL, SQL Server, DB2 and Sybase. Hands-on experience with NoSQL database MongoDB.
* Hands on experience in upgrading and migrating various versions of Mongo database on different platforms and provide solutions related to the migration to MongoDB.
* Solid database connectivity skills which includes Oracle Web Center, 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.
* Hands on experience with the JAX-RS in develop application using Spring 4
* Experience with Web developing applications using Eclipse, Spring Tool Suite, RAD and SOA
* Demonstrable expertise with SaaS information and Cloud computing.
* Knowledge in performance troubleshooting and tuning Hadoop clusters.
* Experience in developing and implementing WSDL/Web Services using REST, SOAP RPC protocol and SOAP message. Worked on a CAF proof of concept
* 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 Hibernate 4.3 which includes integrating legacy databases, writing custom CRUD statements, integrating stored procedures and functions and performed polymorphic associations.
* Proven expertise in implementing IOC and Dependency Injection features in various aspects of aw Framework (Core, Web, JDBC, MVC and DAO) and experienced in integrating Spring Web Flow with other frameworks like JSF.
* 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++ |
| **Web Technologies** | JSON, JSP, Servlets, JDBC, JSTL, JMS, JPA, EJB, Web Services, SOAP, REST, WSDL, HTML5, CSS, CSS 3, JavaScript, Dojo, Angular 2.0 JS, AJAX, Bootstrap, AWS (Dynamo DB, EC2, S3, RedShift, Kinesis, Lambda),XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB, UML, Rational Rose, Visio. |
| **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., Apache Web Server. |
| **IDE** | Eclipse, Eclipse IDE, Net Beans, Intellij Idea. |
| **Tools** | Ant, Maven, Jenkins, Junit, TFS. |
| **Operating systems** | Windows, Mac, UNIX, Linux, Sun Solaris. |
| **Databases** | Oracle 8i/9i/10g/11g/12c, My SQL, MS SQL Server, DB2. |
| **Frameworks** | Struts, Spring Boot, Spring 4 (Dependency Injection, Spring MVC, Factory Pattern, Core, Spring Context, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, Log4j. |
| **Version Control systems** | SVN, CVS, Git, RTC, Jira. |

**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).
* Worked on Docker which implements a high-level API to provide lightweight containers that run processes in isolation
* Develop product using HTML, JavaScript, JQuery, AJAX, Apache web server, UNIX shell scripting, UNIX commands, MYSQL queries.
* Generated access levels and authorized levels using IAM.
* Used the Mockito framework for testing the individual modules of an application.
* Worked with the Kinesis Stream to provide continuous streaming from API Gateway to S3 Bucket.
* Created API Gateway through which the JSON files are processed into the S3 Buckets.
* Used Lambda to create roles and triggers to run the application manually when deployed.
* Created Lambda and enabled it to run automatically whenever data hits the Kinesis Streams.
* Used the Cloud Watch logs, to monitor the behavior of the application once deployed into cloud.
* Used Elastic Beanstalk which is a server, where we deploy the application.
* Used KMS Encryption to encrypt the Database details when deploying the application to server.
* Worked on Splunk to monitor the Cloud Watch logs.
* Worked with SNS to create Push notifications.
* Worked in SOA and implemented web services in WebSphere using Service Bus.
* Extensively used Spring 4, EJB 3.0, Open JPA, Java script, JSP, Ajax, web logic and Oracle Web Center.
* Implemented Apex usage monitoring platform with Python/Django/PostgreSQL.
* Migration scripts in python to extract and load data onto MySQL.
* Used Collections in Python for manipulating and looping through different user defined objects.
* Utilize PyUnit, the Python Unit test framework, for all Python applications
* Developed DAO Layer using Spring Boot ORM and Hibernate 4.3.
* Developed REST APIs using Spring Boot and integrated them to send JSON data to UI.
* Used JQUERY plug-ins to implement features as a light box, sliders and other intuitive features
* Work application level code to interact with API's, rest web services using JSON, Node.js, XML and Angular 2.
* Written Python scripts to parse XML data and load into databases.
* Involved on development of RESTful web services using JAX-RS in a spring based project
* Created, optimized graphic websites and application interfaces using HTML5, CSS3, Bootstrap, Backbone.js
* Developed SOA Design using SOAP/HTTP, WSDL, XML/XSD (Schemas) for vendors
* Develop web-based applications to track, display and analyze data using Spring 4 and NoSQL databases
* Built responsive site using Bootstrap that fits devices of different visual sizes
* The tech stack is AngularJS, LESS, Bootstrap and cutting edge server side technologies
* Developed JavaScript library for rendering domain-specific layout XML to the web
* Involved in creating different Package Configurations such as SQL Server, XML configuration and Parent package variable.
* Built Web pages that are more user-interactive using jQuery plugins for Drag and Drop, AutoComplete, JSON, Angular JS and JavaScript, Bootstrap
* Increased database performance by utilizing MySQL config changes, multiple instances and by upgrading hardware.
* Integration of Spring-data-jpa with Gem Fire cache and AWS PostgreSQL.
* Developed stored procedures, triggers in MySQL for lowering traffic between servers & clients
* Worked with Core Java 1.8 concepts like, Collections Framework and threads.
* Developed Junit test cases and for all the developed modules.
* Used SVN for version control tool and Spring Tool Suite (STS) for IDE
* Used Log4J for logging and tracing the messages.
* Transport, JDBC Connector, and Transaction Manager.
* Used Tomcat Application server for live services

Used Rational Clear Case for version control across common source code used by developers.

* Extensively used Hibernate 4.3 in data access layer to access and update information in the database.

**Environment:**

API Gateway, Kinesis Stream, S3, Lambda, Elastic Beanstalk, PostgreSQL, EC2, Red Shift, Scala, Splunk, JUnit, Python, Spring MVC, WebSphere, JavaScript, Hibernate 4.3, Mockito, Hadoop, WebLogic, POS, SQL Server, Log4J, WSO2 ESB,WSDL, IBMMQ, ActiveMQ, Spring Boot, CSS3, HTML5,Subversion, Apache Web Serve, Tomcat, Docker, Adobe CQ5, UNIX, JAX-RS, DHTML, XML,Perl, Mongo DB,Backbone.js, angular 2.0 JS, SaaS, JQuery, SNS, IAM, VPC, Dynamo DB, SDNs.

**Client: Marsh & McLennan Companies, Hoboken, NJ.**

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

**Description**:

Marsh & McLennan offers coordinated insurance coverage and related services to employer groups, government sponsored plans, and individuals. The project was to develop an application, which is used to help the clients to manage the risk they face. The company provides the insurance broking, risk management, alternative risk financing, risk consulting and program to manage the insurance services to organizations, business, individuals and government entities all over the world.

**Responsibilities**:

* IDE, Apache Tomcat Server Involved in design and development phases of Software Development Life Cycle (SDLC).
* Extensively used Hibernate 4.3 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.
* Involved in designing UML Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Developed the custom data grids upon JQUERY framework to deliver the business data.
* Configured WebSphere MQ queue destinations, MQ queue Connection factories and message listeners for the JVM's.
* Developed JavaScript library for rendering domain-specific layout XML to the web
* Developed AJAX based UI framework by utilizing JQUERY library.
* 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.
* Involved in Creating external facing REST APIs in Scala for accessing weather and climate related data.
* 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 Boot, EJB 3.0, Open JPA, Java script, JSP, Ajax, web logic and Oracle Web Center.
* For single page applications extensively used the Node JS server framework.
* Developed RESTful Web services using JAX-RS API.
* 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 for Node.js Application.
* Developed Junit test cases and for all the developed modules.
* Used Log4J for logging and tracing the messages.
* Built and deployed code in Subversion.
* Used RTC and SVN for version control and Spring Tool Suite as IDE.

**Environment:**

Eclipse IDE, PORTAL, JSP 2.0, Servlets 2.3, Ajax, Struts 2, Hibernate 4.3,Scala, Hadoop, WSO2 ESB,Android, Facets, react.js, Tomcat, WebSphere, Spring 3.0, Spring Boot, JMS 1.1, API, 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, PL/SQL, Oracle 9i, Subversion, Windows XP, TFS.

**Client: Ortho Clinical Diagnostics, Rochester, NY**

**Role: J2EE Developer Sep 2012- Oct 2013**

**Description:**

The project was to develop an application, which is used to process HealthCare claims. It allows users to search the company data repository through the web. The requested data can be displayed in a summary view or through a detailed view. The application involves and automated approval or rejection criteria to preprocess the claims.

**Responsibilities:**

* Involved to create different cross operating system compatible user interactive mobile application pages, using web technologies like 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.
* Extensively used Spring MVC 4.0 Framework, EJB, Open JPA, Java script, JSP, Ajax, web logic and Oracle Web Center
* 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 Log 4J utility to generate run time logs.

**Environment:**

Core Java/J2EE, Spring MVC, JSF, Agile, Log 4J, API, Ajax, Eclipse IDE, Angular JS, RTC and NSD, Oracle Web Centre, EJB, JavaScript, Node.JS, PL/SQL. Eclipse, HTML, XML.

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

**Role: Java Developer/InternshipMay 2010 - June 2012**

**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.