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.
* Expertise in Installation, Configuration, Trouble-Shooting and Maintenance of WebLogic Server JBoss, Apache Web Server on different UNIX flavors and environments.
* Professional web application development usingHTML5, CSS3, JavaScript, Node.js, Angular 2.0, Backbone.js.
* Hands on experience in installing, configuring, managing, upgrading and migrating Backup/Restore, monitoring and troubleshooting SQL Server.
* Strong experience in Integration using WSO2 ESB in integrating various third party solutions.
* Hands on experience in developing applications with Scala.
* Hands on experience in installation, configuration, supporting and managing Hadoop Clusters using Apache, Cloudera (CDH3, CDH4) distributions.
* Expertise in design and development of various web and enterprise applications using Type safe technologies like Scala, Akka and Play framework.
* 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 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 in WSO2 ESB to develop applications.
* Hands on experience with the Web Sockets to make the connection between User browser and the server.
* Experience in creating and maintaining customer-facing Adobe CQ5 content management systems.
* Hands on Experience with Drools, Apache camel, Active MQ, Rabbit MQ, IBMMQ
* Hands on experience with the JAX-RS in develop application using Spring 4
* Good understanding on developing the application using SWIG
* Experience with Web developing applications using Eclipse, Spring Tool Suite, RAD and SOA Integration developing using WSO2 Developer Studio
* Demonstrable expertise with SaaS information and Cloud computing.
* Knowledge in performance troubleshooting and tuning Hadoop clusters.
* Good understanding on developing web services with Apache CXF framework and Maven   
  build tool using Eclipse.
* Experience in developing and implementing WSDL/Web Services using REST, SOAP RPC protocol and SOAP message. Worked on a CAF proof of concept
* Hands on experience on working with Spring JMS using ActiveMQ
* Hands on experience in using Python to implement and maintain various mail receipt and delivery standards to prevent phishing attacks against customers.
* Strong Experience in Object Oriented Analysis and Design and implementation of OOAD using C++.
* End to end application design and development using Spring 4
* 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.
* Expertise and hands on experience in Web development using AJAX, CSS3, JavaScript.
* 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
* Involved in Plan, Design and enhance automation frameworks and tools using Selenium/Java, JMeter.
* Implemented backup process for Jenkins, Bitbucket, Crucible, JIRA, Confluence.
* Implemented LDAP for JIRA, Bitbucket, Crucible, Confluence and AD for Jenkins.
* Involved in installing and configuring the devops tools in RHEL and windows.   
  Environment: JIRA, Bitbucket, Confluence, Crucible, Archive, TestRail, CI/CD: Jenkins, Puppet, SBT
* Develop product using HTML, JavaScript, JQuery, AJAX, Apache web server, UNIX shell scripting, UNIX commands, MYSQL queries.
* Implemented functionality to play live streaming video in GUI and developed Java modules using Play Framework.
* Developed Scala/Play framework scalable application within a large government micro service architecture.
* Used Scala pattern matching, tail recursion, folding concepts to reduce unnecessary loops and lines of codes.
* Worked with team of developers on python applications for RISK management.
* 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 the VPC to create a virtual cloud to access services.
* Involved in Maintain, monitor, tune, and support existing MySQL database environments for production, staging, QA and development.
* Used the Dynamo DB to store the data of application.
* Expertise in design and development of various web and enterprise applications using Type safe technologies like Scala, Akka and Play framework.
* Created, optimized graphic websites and application interfaces using HTML5, CSS3, Bootstrap, Backbone.js
* Extensive experience in designing MongoDB multi-shared cluster and monitoring with MMS.
* Experience in upgrading and migrating various versions of Mongo database on different platforms and provide solutions related to the migration to MongoDB.
* Used WebLogic console and admin tools to manage, administer and configure WebLogic Server.
* Involved in Remote support to merchant end users with Point of Sale (POS) software system issues
* Created various Angular 2 directives, controllers, DOM, expressions, templates, data binding, etc.
* 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.
* Used Python scripting to encrypt the DB details and deployed the application to Lambda Server.
* Worked on Splunk to monitor the Cloud Watch logs.
* Increased database performance by utilizing MySQL config changes, multiple instances and by upgrading hardware.
* Designed a plug and play software framework for consuming external data.
* Developed SOA Design using SOAP/HTTP, WSDL, XML/XSD (Schemas) for vendors
* Developed code in Python/Perl with latest tools like MongoDB, RabbitMQ to handle/manage data.
* Worked with SNS to create Push notifications.
* Developed stored procedures, triggers in MySQL for lowering traffic between servers & clients.
* Involved in configuring various associated peripherals including invoice, barcode and report printers, bar code scanners and other POS specific peripherals.
* Worked with QA team to automate testing by writing test scripts using JMeter
* Worked in SOA and implemented web services in WebSphere using Service Bus.
* Involved in Design and Development of technical specification documents using Hadoop.
* Involved in Developing traits and case classes in Scala.
* Involved in Installing and Configuring LDAP Server and integrated with WebLogic Application Server. Developed a connection between user browser and the server using Web Sockets.
* Extensively used Spring 4, EJB 3.0, Open JPA, Java script, JSP, Ajax, web logic and Oracle Web Center.
* Worked with creation and consumption of SOAP based &Restful web services using WSDL, SOAP, JAX-WS, JAX-RS, SOAP UI and Rest client.
* Worked on opening a interactive connection between user’s browser and server using web sockets.
* Developed REST APIs using Spring Boot and integrated them to send JSON data to UI.
* Implemented various features like polymorphism and inheritance of C# in building data entity model
* Generate WSDL's and created web service connectors using WSDL's
* 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 AJAX, JSON, Node.js, XML and Angular 2.
* Involved in Tracking and Informing stores of Purchase Orders released by the POS System.
* Involved on development of RESTful web services using JAX-RS in a spring based project
* Develop web-based applications to track, display and analyze data using Spring 4 and NoSQL databases
* 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.
* Worked on the IDS(Integrated Departure Spacing) component, a web based application written in Java. ActiveMQ, MongoDB.
* Worked with Core Java 1.8 concepts like, Collections Framework and threads.
* Design and implement a Context RESTful API using Java Spring 4
* Developed Junit test cases and for all the developed modules.
* Involved in providing Full Reporting Life Cycle support using SQL Server Reporting Service
* Used SVN for version control tool and Spring Tool Suite (STS) for IDE
* Used Log4J for logging and tracing the messages.
* Utilized Atlassian Tools (JIRA, Crucible, and Bitbucket) for version control, workflow management, and team communication.
* Transport, JDBC Connector, and Transaction Manager.
* Used Tomcat Application server for live services
* Developed DAO Layer using Spring Boot ORM and Hibernate 4.3.

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

* Designed highly responsive Web UI by using JQuery Libraries (JQuery AJAX) and AngularJS (Single Page Application)
* 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, 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).
* Involved in designing UML Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Developed Scala/Play framework scalable application within a large government micro service architecture.
* Worked with application teams to install operating system, Hadoop updates, patches, version upgrades as required.
* Configured and tested the WSO2 API Manager and WSO2 Identity Server products   
  Identified and fixed bugs found in the WSO2 products
* Developed the custom data grids upon JQUERY framework to deliver the business data.
* Development of static website pages, presentation pages, category presentation pages using content management system, Adobe CQ5.
* Maintaining Parent and child elements by using State and Props in React.
* Configured WebSphere MQ queue destinations, MQ queue Connection factories and message listeners for the JVM's.
* Updating legacy Scala code base to use new apis and services.
* 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.
* Involved in Programming, Analysis Services and Reporting services
* Involved in Working on full life cycle development of a Scala/Akka application for managing tickets in response to alarms from hardware devices in the field.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using HTML5, CSS3, JavaScript and Adobe CQ5.
* Experience with Web developing applications using Eclipse, RAD and SOA Integration developing using WSO2 Developer Studio
* Developed and implemented various Applications for the Android.
* 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 new features for proprietary Android applications used on phones and tablets; worked with developers to develop top tier solutions.
* 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.
* 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.

**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.