**Harsha D**

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**Professional Summary**

* **8+ years of IT experience** in Analysis, Design, Development, Implementation and Testing of Enterprise Applications in the Client/Server environment using Java/J2ee in Client-Server, 3-tier and n-tier applications.
* Proficient in **all phases of SDLC** (analysis, design, development, testing and deployment) and highly competent in gathering user requirements.
* Expertise in several **J2EE technologies** like JSP, Servlets, Java Scripts, Web Services (SOAP, WSDL and UDDI) JSF, Hibernate, spring, struts, EJB (Entity session Message Driven Bean), Ajax, JAVA Beans, JNDI, JMS, JAVA Mail, XML, Sockets using IDE’s LIKE ECLIPSE.
* Experience working in MVC framework using Spring Framework including **Spring MVC, Spring Security, Spring Micro Services, Spring IOC, Spring JDBC, Spring Boot, Spring JPA and Spring Cloud**
* Proficient in Application Development with **Web Technologies**, B2B products, Distributed Technologies and Client-Server Architecture environment in Financial, HealthCare and Manufacturing Industries.
* Expertise in design and development of web and enterprise applications using Java & J2EE technologies like **JSP, JavaServlets**,**Struts 2**, **JDBC, EJB,JNDI**, **JMS**,**JavaScriptand Web Services**.
* Automated web service calls in**PostMan** using JavaScript and executed the collection using **Newman** and verified the response in both **JSON and XML**.
* Expertise in application development using various frameworks: **Struts**, **Spring MVC,Java Server Faces(JSF) andHibernate**.
* Experienced in client side designing and validations using **HTML, DHTML, CSS**, **Java Script, AJAX**, **JSP** etc.
* Experience with Databases like Oracle **10g/11g, MYSQL, SQL SERVER 2008, JDBC** etc.
* Extensive working experience with **SOAP** and **Restfulwebservices**.
* Experience in **Pivotal Cloud Foundry** (PCF) and the implementation of micro services in PCF.
* Deep expertise and hands on experience with frontend technologies such as **HTML5, CSS, JavaScript, jQuery, AJAX and Angular JS.**
* Hands on experience working with Web and Application Servers such as **ApacheTomcat**, **IBM WebSphere, JBOSS, BEA WebLogic.**
* Excellent in technologies and frameworks like **Spring, Spring Integration, Hibernate, Sun IDM, LDAP and Junit.**
* Ensure the continuous availability of our mission critical **MongoDB** clusters.
* **Microsoft Azure** multi-region replica set replication and Optimizing **MongoDB CRUD**Operations.
* Extensive use of Version Controls like **CVS**, **SVN**and **Google Code** subversions.
* Very good understanding and experienced in SDLC and Object-Oriented Programming (OOP). Experience with Waterfall, Agile methodologies.
* Experienced in performing **Functional Testing, Backend Testing, Regression Testing, System** Testing, Acceptance Testing and Integration Testing. Involved in writing JUnit test cases and System Test Cases.
* Implementation, design, architecture and support of cloud based server and service solutions**(AWS)**
* Experienced practitioner of waterfall and Agile methodologies.
* Having Pleasant experience in resolving production issues.
* Self-motivated Team Player with excellent Interpersonal and Communication Skills.
* Strong analytical and problem-solving skills. Willingness and ability to adapt to new environments and learn modern technologies

**Technical Skills**

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| **Domain** | Banking, Health Care, Manufacture, Finance |
| **Database Skills** | Oracle, PL/SQL, SQL, Oracle 11g, MongoDB, MySQL, SQL Server 2008, SQL Developer, Toad, SQLite3, Microsoft Access, EBX |
| **Programming Languages** | JAVA, C#, C++, SQL, COBOL, UNIX, Python |
| **J2EE Technologies** | Java, JSF,JSP, JDBC, JNDI, Swings, Servlets, JQuery, Struts 2.0, Springs, Spring Batch, Spring Integration, Hibernate, EJB, JDBC, JNDI, JMS, JPA, RMI, DOM, JMS, FOP, Log4j, Java Mail, JavaBeans, Applets, Custom Tags, Multi-threading, XSD, DTD, SAX, DOM |
| **Web Technologies** | HTML5, XML, CSS, XSL, AJAX 2.0, .Net, XSL, XHTML,Swagger, JQuery, Angular Js, Backbone.js, Node.js, AJAX, DOJO, XSLT, JSON |
| **Web/Application Servers** | JBOSS, Apache Tomcat 7.1, WebLogic, IBM WebSphere |
| **Web Services** | SOAP and Restful, JAX WS, WSDL, UDDI, Bootstrap, AXIS, JAXB, JMS, HTTP, HTTPS, SMTP, FTP, SFTP and TCP-IP |
| **Scripting Languages** | Java Scripting, PERL Scripting, Shell scripting |
| **Build Deploy Tools** | SDSS, JAP 7, Maven, ANT, Docker |
| **Operating Systems** | LINUX, UNIX, Windows 7, Vista, XP, 2000, 98, |
| **Version Controls** | CVS, Google Code, SVN, Git |
| **IDE** | Eclipse (Europa, Indigo, Hugo), Net Beans, MyEclipse,Rational Rose,WSAD, J Builder, |
| **Testing Tools** | Eclipse Plug-ins (Code Pro, Find Bugs, PMD), HP-ALM, Quality Center(QC), JIRA, Junit4 |
| **Patterns** | Core J2EE design patterns, MVC, business delegate, service locator, session façade, DAO, DTO, Singleton, Micro services, Containerization etc. |
| **Design Tools** | MS Visio, Argo UML |
| **Others** | MS Office, Excel, Microsoft Word, QA4J, SART, MS Access, Dream-Weaver, Adobe Photoshop CC/CS5, Premiere Pro CC |

**Education**

2009 - Bachelors of Science, Computer Science, India.

**Professional Experience**

**Client: NBC Universal, NYC 10/2016– Present**

**Location:** New York, NY

**Role**: Sr. Java Developer

**Responsibilities:**

* Involved in creating and extracting data from database using SQL Queries, PL/SQL Stored procedures, triggers, and packages on Oracle database.
* Identifying appropriate AWS service based on compute, data availability, security requirements and storage.
* Created RESTFUL web services for the cloud messaging application to enable clinicians to have access to communication with other clinicians and the clinical data.
* Using Java script and Struts validation frame work for performing front end validations
* Involved in planning process of iterations under the Agile Scrum methodology (3 Iterations).
* Extensively involved in coding with core Java concepts like Collections, Multi-Threading, Exception Handling, Java I/O, and Generics to implement some business logic.
* Worked on API documentation using Swagger.Involved in system design and development using Collections and multithreading for the action classes.
* Implemented Spring Data Elastic Search using Spring Boot Repository/DAO.
* Worked on the REST Web Services and used Spring Framework and developed the Spring Features like Spring Core, Spring IOC, Spring AOP, Spring Data Access, and spring web test, Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Security, and Spring Integration.
* Automate RESTful web service calls using PostMan tool using Java scripting and integrated with NewMan to run the collection from Command prompt that has paved way to run the entire automation suite after every sprint reducing the number of defects.
* New full text search feature implementation using Elastic Search.
* Creating Rich UI applications using Angular2 integrating with REST API's built on Zuul Micro services.
* Developed and documented best practices for MongoDB.
* Implemented New Interface for Previously Ordered Page, Cart Page
* Used Multithreading and Concurrency, and implemented threads while preparing and generating mails.
* PL/SQL developer was used for connecting to Database. Spring JNDI were used for data source connection.
* Migrating existing application into REST based Microservices to provide all the CRUD capabilities using Spring Boot.
* Used bitbucket to keep track of source code versioning.
* Worked on Oracle as the backend database.
* Developed User interface using Angular JS, JSF, JSP, CSS, JavaScript, and HTML, Ajax and JQuery and JSON.
* Creation and maintenance of data using Oracle database. JDBC for database connectivity with Oracle.
* Implemented Spring Cloud Config Server, Routing and Filtering to Microservices using Netflix Zuul.
* Setup Docker on Linux and configured Jenkins to run under Docker host.
* Followed Agile with SCRUM methodology to track project progress.
* Managedusers,workflow,groups and projects in JIRA.
* Reported bugs and tracked defects using JIRA.
* Maven tool has been used for the build and deploy the batch component with JPA

**Environment:**J2EE, Eclipse, spring,Spring Integration, HTML5, CSS3, AWS, XML, bitbucket, Elastic Search, SQL, Spring, Hibernate, Oracle SQL Developer, Restful, Newman, Postman, SVN, Agile, Jira, Tomcat,Pivotal Cloud Foundry,Spring BootLog4j, Windows,MongoDB.

**Client: First Tennessee Bank 06/2015 – 10/2016**

**Location:** Memphis, TN

**Role**: Sr. Java Developer

**Responsibilities:**

* Involved in creating and extracting data from database using SQL Queries, PL/SQL Stored procedures, triggers, and packages on Oracle database.
* Conducted analysis of organizational needs and goals for the development and implementation of application systems by involving with business personnel.
* Taken care of Java Multithreading part in back end components
* Involved in planning process of iterations under the Agile Scrum methodology (3 Iterations).
* Involved in consuming a SOAP web service in Java.
* Designed and developed application using Core Java, J2EE (JSP, Servlets), Spring and Oracle.
* Implemented Spring MVC framework for the application development which includes writing Controller classes for handling requests, processing form submissions and performed validations.
* Providing Java programming support for existing and new applications.
* Developing Web applications using Java, J2EE, Struts and Hibernate.
* Identifying appropriate AWS service based on compute, data availability, security requirements and storage.
* Experience on AWS services like EC2, S3, RDS, ELB, EBS, VPC, Route53, auto scaling groups, Cloud watch, Cloud Front and IAM for instantiating, configuring and managing various Amazon images for server migration from physical servers into the cloud.
* Designed and developed the UI using JSP, HTML5, CSS3, JavaScript, JQuery and JQGrid.
* Implemented Java and J2EE Design patterns.
* Written server side and client-side validations.
* Ensure the continuous availability of our mission critical MongoDB clusters.
* Used JRebel for auto publishing to web server in Eclipse.
* Prepare Java/J2EE development structure for Eclipse, Maven.
* Used Actor System in play frame work for concurrency and for multi-threaded execution
* Used Ant Hill Pro as a build tool and deploying into lower environments (DEV and SIT)
* Used MongoDB third party tools (ROBO MONGO, MONGOOWL, MONGOVUE) and mongo-built in binaries to monitor and analyze the performance of MONGODB.
* Installation of MongoDB on Physical machines, Virtual machines as well as AWS.
* PL/SQL developer was used for connecting to Database. Spring JNDI were used for data source connection.
* Used Log4j for logging and debugging.
* Used SVN to keep track of source code versioning.
* Worked on Oracle as the backend database.
* Worked on tuning of back-end Oracle stored procedures using Oracle SL Developer.
* Creation and maintenance of data using Oracle database. JDBC for database connectivity with Oracle.
* Performed testing of the developed application.
* Followed Agile with SCRUM methodology to track project progress.

**Environment:** J2EE, JDK, MongoDB, Eclipse, spring, HTML5, CSS3, XML, Subversion, SQL, AWS, Oracle SQL Developer, SOAP, SVN, Agile, Jira, Web Logic 10.3.6, JRebel, AntHill Pro, Log4j, Windows.

#### Client: Liberty Mutual,Seattle,WA 11/2013 – 05/2015 Role: JavaDeveloper

**Responsibilities**:

* Involved in requirements gathering, UI design and design of application workflows.
* Designing and Developing the Web Portal Applications, web services, JBPM workflows, Drools, back end Queuing implementations (MQ) using the technologies Spring MVC, Spring Boot, JQuery, JSON, Spring ORM, Spring AOP, Hibernate, CXFJAX-WSJAXB and Active MQ using Scrum based Agile methodologies.
* Integrated Sonar, Nexus, Cucumber, JMeter plugins for Jenkins for continuous deployment process.
* Implemented AngularJS Controllers to maintain each view data and Angular Service calls using Angular Factory
* Tested all application controllers extensively with mocha/chai and angularJS's built-in testing facilities.
* Converted and automated builds using Ant and scheduled automated nightly builds using Cruise Control and maintained Continuous integration effort with Cruise Control along with scheduled builds.
* Developed Web pages using Servlet and JSP, Angular.js, for the support app which is a test tool for a quick standalone testing of the Web service calls.
* Developed web application based on J2EE Struts framework, Implemented Java and J2EE Design patterns like Business Delegate.
* Created an XML schema for the Solr search engine based on the Oracle schema and documentation of the Solr Rest API.
* Enhanced UI using JSF, HTML, and JavaScript, Develop and deploy the applications on Web Sphere Application Server 6.0/7.0.
* Used Web services - WSDL& SOAP for getting credit card information from third party.
* Developed Web Service Client Component to make use of Web Service API using Apache Axis.
* Created technical documents for the tasks assigned, made changes in LLS donation workflow to accommodate Book Keeper.
* Deployment of the applications using Apache tomcat server.
* JUnit test cases to test Web Services functionality before integration with client.
* Extensively worked on J2EE Technologies to develop the project, Followed Spring MVC Framework for the development of the project.
* Used Hibernate as ORM tool and defined the mapping, coordinated with QA team to ensure the quality of application.
* Developed batch programs and wrote Scripts to run them on Unix Cron Scheduler.
* Implement JBoss drools rules for comparing the data between Trading Systems and Accounting Systems.
* Developed JMS components to send messages from one application to other application internally.
* Involved in Unit integration, debugging the code, bug fixing, acceptance testing with test cases, code reviews.
* Supported production environment including monitoring application, resolving any production related issues.
* Developed security authentication using spring security for the application.
* Exposed RESTFUL Web services, with Chart Specific parameters passed as query string.
* Extensive Performance testing is being done to determine the responsiveness and stability of the system.

**Environment:** Spring 3.0, Hibernate, SQL Server, JTA, JUnit, JSP, JSON, JPA, JavaScript, DHTML, HTML, CSS3, Angular.js, Ajax, Restful services, AXIS, SOA, Drools, Spring boot, Spring security, Tomcat server, Jenkins, Selenium, Eclipse, ANT, ActiveMQ Messages, Sonar, Shell scripting, JMeter, Nexus, IBM MQ, JMS, jBPM, Drools, BRMS, WebSphere Application Server (WAS) 6.x.x, 7.x.x, Agile Methodology.

**Company: DispatchTrack 08/2011 – 10/2013**

**Location: India**

**Role: Java/J2EEDeveloper**

**Responsibilities**

* Involved in the complete Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Developed application using J2EE design patterns using Façade Design pattern, Singleton, Session.
* Involved in migration, restructuring of various modules with in the project.
* Developed scalable multi-threaded enterprise application using company framework, helped to extend our company framework with new functionality.
* Designed and implemented customized exception handling to handle the exceptions in the application.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Performed data migration enforcement tasks and maintained existing data migration program with occasional upgrades and enhancements.
* Used Hibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Taken care of complete Java multi-threading part in back end components.
* Prepared Junit test cases and executed the test cases using Junit in eclipse.
* Developed and implemented various fitness tests to test the end-to-end application.
* Involved in bug fixing during the system testing, Joint System testing and User acceptance testing.
* Implemented Maven Script to create jar, war files and deploy them to the unix box.
* Developed code mostly using core-java to source data from upstream systems using files and other API’s and then perform ETL operations and finally load into different IQ databases performing various transformations.
* Performed Reconciliation of sourced data and developed code to facilitate this functionality.
* Extensively used JQuery selectors, JQuery AJAX with JSON objects.
* Implemented REST, SOAP, XML, WSDL web services to communicate with components of other Sourcing systems within the firm and to provide data to the reporting team.
* Performed various validations using spring validation framework.
* Created interfaces and abstract classes and developed concrete sub classes.
* Involved in creation of various schemas and then create tables in the database.
* Developed various complex stored procedures to keep the data in sync on various nodes at the same time.
* Developed modules involving in calculation of reporting logic of several complex tables.
* Tested various scripts in different environments and make sure they don’t fail after modifications and ensure success of various jobs.
* Worked on SQL queries and PL/SQL and actively involved in the production support.

**Environment:**Jdk 1.6, UML, Spring 2.5, GitHub, Eclipse, WebSphere Application server, JSP 2.0, JST, JQuery 2.0, JSF Framework, JDBC, Hibernate, XML, JBPM, BRMS, JPA, XSLT, CSS, DOM, DHTML, MS SQL, SOAP, REST, Junit 4.4, SVN, Log4j, Sybase IQ, Aqua Data Studio, Autosys, UNIX, Ant 1.8, Agile Scrum, JBoss Application Server 6.1, Jenkins, JIRA, Confluence.

Client: Hinduja Global Solutions. 06/2009 – 07/2011

**Location: Hyderabad, India**

Role: Java Developer

**Responsibilities**

* Involved in various phases of Software Development Life Cycle (SDLC).
* Used Rational Rose for the Use Case Diagrams, Object Diagrams, Class Diagrams and Sequence Diagrams to represent the detailed design phase.
* Front-end is designed by using HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts.
* Involved in developing the CSS sheets for the UI Components.
* Involved in writing the exception and validation classes using Struts validation rules.
* Persistence layer was implemented using Hibernate Framework.
* Used JavaScript for the web page validation.
* Created Servlets which route submittals to appropriate Enterprise Java Bean (EJB) components and render retrieved information.
* Developed various EJB components to fulfill the business functionality.
* Developed Session Beans to process requests from the user and used entity beans to retrieve and update customer information.
* Implemented the Email module, which included setting up JMS message queue, designing and developing email client which sent Java messages to the message queue, designing and developing message driven beans that consumed the messages from the queue and sent emails using contents from the message.
* Used Apache Axis for consuming Web Services.
* Written ANT scripts for building application artifacts.
* Monitored the error logs using Log4J and fixing the problems.
* Used XML with SAX parser to transfer data between applications.
* Wrote PL/SQL stored procedures, Prepared statement and used API.
* Used JUnit for unit testing.
* Created Unit, Acceptance and Integration Test Documents and Code Review Documents.
* Used WebSphere Application Server for deploying various components of application.
* Involved in writing and executing stored procedures, functions and triggers for ORACLE to create a Database Management System.

**Environment:** Struts**,** Spring, Hibernate, J2EE, Java SDK, XML, SAX, JSP, JMS, HTML, JavaScript, Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, EJB, RMI, JNI, ANT, CVS, Oracle.