**Ram**

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## SUMMARY

* **8+ years** of experience in Software Development Life Cycle (**SDLC**), Web Application Design, Development, Programming, Testing, Support Maintenance and End-User support using **core java**, **java/J2EE** technologies with **Web Sphere** and **Web Logic** application servers.
* Proficiency in developing secure enterprise Java applications using technologies such as **JSP, SERVLETS, JAVA Beans, C++, EJB3, JMS, JNDI, JDBC, JSTL, PHP, XML.**
* Worked on **Object oriented design and programming in C++, Java, Python, Shell Scripting**.
* Experience on core Java technologies like **OOPS (Object Oriented Programming Structure), multi threading, Collection, Interfaces, Synchronization, Exception Handling.**
* Extensive experience working in **spring framework, Struts framework, O/R Mapping Hibernate framework and web services.**
* Experience using **Spring MVC, Spring Boot, Spring DAO, Spring Data, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions** and **Spring Security**.
* Experience in writing unit test frameworks like **MOCKITO**, **JMOCK and Easy Mock** using java proxy mechanism.
* Experience in using the JavaScript frameworks **JQUERY, React.js, Node.js & Twitter Bootstrap.**
* Hands on experience in using many Core Java 8 features like concurrency, Stream’s and Filters API, Lambda functions, Collections, Multi-Threading and Functional interface programming.
* Experience in modeling presentation tier using **StrutsMVC2** (Model-View-Controller) architecture.
* Good experience in **Angular.JS,** built application service layer using **Angular.JS** Dependency Injection.
* Developed and executed Unit Test cases using **JUnit** framework by supporting TDD (Test Driven Development).
* Extensive development in **UNIX (AIX), Red Hat Linux, Windows NT/ 2000 / XP.**
* Knowledge in **Agile** software development process, test driven development and Object-oriented modeling UML, Object-Oriented analysis and design, developing Use Cases, Interaction Diagrams(Sequence and Activity), Class Diagrams, and Package Diagrams using **Rational Rose & Visio.**
* Developed **ANT** scripts in to build and deploy **J2EE** Applications.
* Experience with relational databases such as **Oracle**, **SQL Server**, **DB2**, **MYSQL** and **No SQL** databases such as **Mongo DB** and good knowledge on **Cassandra**.
* Hands on experience in working with the **UI technologies like HTML, CSS, JavaScript, Bootstrap, JSF, JSP tag libraries**.
* Good working knowledge in version control tools like **CVS** and **Rational Clear Case (repositories).**
* Expertise in developing the **web portals** using **SOA**, **MVC** frameworks using **spring** and **Struts**.
* Good experience on web servers like Apache **HTTP**, Apache **Tomcat** and application servers **JBoss**, **Web Logic, IBM Web Sphere** and configuring them.
* Expertise in writing Packages, Stored Procedures, Functions, Views and Database Triggers using **SQL** and **PL/SQL** in Oracle 12c, 10g, 11g, 9i.
* Hands-on experience in **Apache Camel** integration framework.
* Experience using **Jenkins, Maven** an open source continuous Integration.
* Responsible in developing Spring Boot **Micro-services** from scratch.
* Participated actively in production support to fix defects reported by clients and QA team.
* Comprehensive fundamental understanding of **AWS** Cloud technologies.
* Involved in designing and deploying applications utilizing **AWS stack** (Including **EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM**) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud formation.
* Experienced in migrating applications to **AWS** and application deployment in the cloud (AWS) with **CI/CD tools** such as **Jira, Bit Bucket, Confluence, Bamboo, Chef, S3**.
* Configured **JDBC, JMS, JNDI** in Web Logic Server 10.3/10.0/8.1.
* Experience in working with the No SQL Database like **Mongo DB** to manage extremely large data sets.
* Knowledge in developing applications using **Agile**, **SCRUM** and **water fall** methodologies.
* Have excellent analytical, problem solving, communication and interpersonal skills with ability to interact with individuals at all levels and ability to work independently.

## EDUCATION DETAILS

* Bachelor’s in Computer Science and Engineering from Andhra University, India

**TECHNICAL SKILLS**

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| **Operating Systems** | Windows, Linux/Unix |
| **Programming Languages** | C, C++, Java 8, Groovy, Jscript, PL/SQL, UNIX, Python, Shell |
| **Java Technologies** | Spring(BOOT, BATCH, CLOUD, INTGRATION, WEBSERVICES,ORM, DAO, WEB, MVC, ASPECT), Struts, Core Java |
| **Cloud Technologies** | AWS |
| **Web Services** | REST/RESTful (JSON), SOAP(XML) |
| **CI/CD Tools** | Jenkins, Bit Bucket, GIT Hub |
| **Servers** | Apache Tomcat, Web Sphere, Web Logic, JBoss, Jetty |
| **Build Tools** | Maven, Ant, Gradle |
| **Messaging Platforms** | IBM Websphere MQ, Active MQ, Rabbit MQ |
| **Databases** | Oracle, My SQL, No SQL-Mongo DB |
| **Development Tools** | Eclipse, Intellij, Net Beans, RAD |
| **Testing Frameworks** | Cucumber, Junit, Mockito, JMock, Easy Mock |
| **ORM Frameworks** | Hibernate, IBatis, Spring JPA/JDBC |
| **UI Technologies** | Anugular.JS, Angular 2, JSF, Node.JS, JQuery, Bootstrap, HTML5, CSS, XML |
| **Logging Frameworks** | Log4j, SLF4J, Log Back |
| **Source Control** | CVS, SVN, GIT |

**PROFESSIONAL EXPERIENCE**

**CLIENT: Depository Trust and Clearing Corporation (DTCC), Dallas/Texas**

**May 2017 -Present**

**ROLE: Sr. JAVA Developer**

**Depository Trust and Clearing Corporation (DTCC)** is an American post-trade financial services company providing clearing and settlement services to the financial market. DTCC aims to simplify the existing Global Trade Repository (GTR) in order to enhance the customer experience, reduce the complexity of support, reduce the costs to maintain the existing application and to reduce costs when expending into new jurisdictions or new services.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) using **Agile** Methodology and followed **Scrum** sessions.
* Involved in designing the new architecture for existing application to latest technologies.
* Design and Implemented **Spring framework, Spring-AOP, Spring-ORM, Spring-JDBC modules**.
* Developed applications using Java7 and Java8 (lambdas, streams, multi-threading, executor service framework).
* Developed the web interface using **HTML5, CSS3, JavaScript, JQuery, Angular.Js** and **Bootstrap**.
* Developed **Micro-Services** and created API’s using **Java Spring Boot** framework using Maven as a build tool and Oracle as an enterprise level database.
* Developed **Micro-services** using **RESTful** services to provide all the CRUD capabilities.
* Implemented Web services using apache API and tested them using SOAP UI. Integrated the **SOAP** Web services to **RESTful** Web Services.
* Implementation of **JQuery** and **Angular.JS** to build UI and its integration with **Spring** framework.
* Used Java 1.8, Spring 4.3.2, Spring Data JPA, Spring Security 4, Spring Cloud, Spring Boot 1.3.5, Junit, Mockito, and AWS to develop, test, and deploy Restful web service application in Cloud.
* Used **Angular.JS** to bind data into specific views and synchronize data with server.
* System was built using Spring Model-View-Controller (**MVC**) architecture. Used **Web services** to communicate using **Restful** **API**.
* Design, develop, test and maintain the application built on **J2EE, Spring** and **Hibernate**.
* Implemented Transaction Management based on **Spring AOP** and Dependency Injection based on **Spring IOC**.
* Good working knowledge on JSF Framework.
* Used **RESTful** Web services and **JSON** objects for communication.
* Developed test classes in **JUnit** for unit testing.
* Used **Spring AOP** for the transaction management and logging.
* Used **GIT** to maintain source and version management and used **Eclipse** as **IDE**.
* Worked with **Threads, Multithreading, Synchronization and Collection API**.
* Implemented exception handling in Java **Spring boot** for REST API, by making use of Exception Handler and Controller Advice annotations.
* Worked on **AWS** cloud services like **EC2, S3, RDS, ELB** and **EBS** for installing, configuring and auto scaling.
* Deployed micro-services as restful Java Web Services on Amazon Elastic Beanstalk. Used Amazon S3 for configuration files.
* Migrated applications from internal data center to **AWS**.
* Worked and Performed Tuning and Query Optimization in **AWS Redshift** and **Micro-service.**
* Build and continuous integration with tools like **Maven** and **Jenkins** to build jar and war files and deployed war files to target servers.
* Writing **Groovy Scripts** for REST Web services and deployment.
* Creating tables in **Oracle** database to store report information.
* Implemented **Jenkins** for a central build and deploy activities by configuring Jenkins in micro service apps.
* Worked on Estimations, Code reviews and 24/7 Production support.
* Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
* Have implemented **chef** provisioning for creation of on demand instances and instance infrastructure using the chef-client and bootstrapping using plugins against **AWS EC2**.
* Used **Log4j2** to log and track the application.
* Responsible for handling day-to-day technical issues, analyzed and determined root cause, facilitated resolution.

**CLIENT: JP Morgan Chase, Dallas/Texas May 2015- April 2017**

**ROLE: Sr. JAVA Developer**

**JPMorgan Chase** is a global security, investment banking and retail banking firm. Deal manager is an enterprise level application made for corporate clients unlike most of the retail banking products. Deal manager is an interface for all the banking products chase offers for its enterprise clients. This application is used to sell products and also to keep every record of it. Deal Manager is responsible for establishing a platform for enrollment of Clients, selling products, billing and supporting. It will also serve as a repository of previous sales, clients, products and requests. 

**Responsibilities:**

* Coordinated with all the teams to maintain knowledge on all **functional requirements** and ensure compliance to all architecture standards.
* Expertise in developing the applications using Core Java concepts like **OOPS, Multi threading, Garbage Collections and Socket Programming etc.**
* Good knowledge and working experience in **Object Oriented Analysis (OOA) and Object Oriented Design (OOD).**
* Experience in developing applications using **Servlets, JSP, JSTL, Struts, Spring, Java Beans**.
* Worked on **spring** framework to design and develop the business services.
* Implemented **spring ORM** for integrating **Hibernate** ORM tool.
* Build a Web Console in **PHP 5** and **J Query** that connected to a **Restful** server using **JSON** as the data type exchange language.
* Effective use of **hibernate (ORM tool)** in the business layer in communicating with the **Spring DAO** and also developed mapping files and **POJO java** classes using ORM tool.
* Develop **UI** automation for **Node.JS/Angular.JS/Ext JS**-based web applications using **Selenium** Web Driver, developed in **Node.js/JavaScript**. Mapping java classes with database using Hibernate and in Hibernate query language (**HQL**).
* Worked on **MVC** Architecture like **struts by using Web portals**.
* Configured local **Maven** repositories and multi-component Ant projects with Nexus repositories and scheduled projects in **Jenkins** for continuous integration.
* Built Java applications using **ANT** and **Maven** and deployed **JAVA/J2EE** applications through **Tomcat** Application servers.
* Implemented Persistence layer for some of the microservices using Spring Data JPA using Oracle Database.
* Used **IBM**-**DB2** to retrieve the data from and **Oracle 10g** has been used to safe the final results into the database.
* Developed Spring MVC app deployed on Web logic to orchestrate transactions by using **micro services**.
* Utilized **Hibernate** for Object/Relational Mapping purposes for transparent persistence onto the Server database.
* Implemented**EJB3 Schedulers** for automated batch processing.
* Used **Hibernate** as an implementation engine **for JPA API**.
* Implemented Swagger Configuration in Java **Spring boot** for auto generating swagger json files for REST API calls.
* Tested the application **JUNIT** and that was build using **Maven.**
* Involved in setting up Maven configuration and helping Continuous Integration (CI) Issues.
* Participated in development of a well responsive single page application using **Angular.JS2** framework, **JavaScript**, and **j Query** in conjunction with **HTML5, CSS3** standards, with front-end UI technologies.
* Have integrated web services including **SOAP** as well as **REST** using **Apache Camel**.
* Involved in developing and maintaining control files for SQL loader to load the data from **SQL** server to oracle database tables.
* Used **Spring Boot** task scheduler to load files based on specific time interval to read the data.
* Provided assistance to all end users and identified any issues in production.
* Used micro-framework to implement with **REST API** and **Mongo DB (No SQL)** as back end database.
* Involved in implementation of MVC pattern using AngularJS, JSF and Spring Controller
* Involved in deploying systems on **Amazon Web Services** Infrastructure services **EC2, S3, RDS, SQS, Cloud Foundry.**
* Developing a product-level cloud-based architecture in **AWS**.
* Used Jira for Issue and Project management activities and also for **Groovy Scripting**.
* Created **Restful** web service barcode Controller for handling the Web Services request from an UI application.
* Worked on building & deploying Java code through Jenkins, used Jenkins Amazon Web Services (**AWS**) Code Deploy plugin to deploy to **AWS** and worked on **AWS Cloud management**.
* Configured **Elastic Load Balancers (ELB)** with EC2 Auto scaling groups. Created monitors, alarms and notifications for EC2 hosts using Cloud Watch.
* Developed the **Restful** web services using **spring** and used **spring boot** for **Micro-services**.
* Developed and managed cloud **VMs** with **AWS EC2** command line clients and management Console.
* Followed Agile methodology and participated in Sprints during development.

**CLIENT: AIG, Inc-Greensboro/North Carolina Jan 2014-May 2015**

**ROLE: JAVA Developer**

**American International Group, Inc (AIG)** is an American multinational insurance corporation. The old Customer Service Website is being replaced with a modern, attractive, SOA-oriented site. It has various parts of the functionality to communicate with the backend system through web services.

**Responsibilities:**

* Involved in requirements gathering and analysis from the existing system. Captured requirements using Use Cases and Sequence Diagrams.
* Developed the application using **Struts**, **Servlets** and **JSP** for the presentation layer along with **JavaScript** for the client side validations.
* Developed and used **JSP** custom tags in the web tier to dynamically generate web pages.
* Worked with **Struts** (**MVC** Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean.
* Worked on core java, using file operations to read system file (downloads) and to present on JSP.
* Designed **Restful, XML, XSLT and PHP** web service for handling **AJAX** requests.
* Used **spring** to manage beans to use windows session state framework to persist session to the database.
* Used **spring IOC** and **MVC** for enhanced modules.
* Used **Angular.JS, Node.js and Bootstrap** in effective web design.
* Used **Maven** for build framework and Jenkins for continuous build system.
* Extensively used **OOA, OOD, OOP Concepts, Exceptional Handling and Collections Framework**.
* Used **Hibernate** to do the object relational mapping between the tables and java objects.
* Implemented Persistence layer with ORM Framework using **IBatis** 3.0, JPA which Synchronize with Oracle 10g database.
* Deployed and tested the application with web server **Tomcat**, **Web Sphere**.
* Implemented the caching mechanism in Hibernate to load data from **My SQL** database.
* Wrote Test Cases using **JUNIT** as a framework.
* Used JSF 2.1 framework for building the application based on MVC design paradigm.
* Created continuous Integration builds using Maven.
* Developed **GUI** using Front end technologies like **JSP, JSTL, AJAX, HTML, CSS** and **Java Script.**
* Developed a code for Web services using **XML**, **SOAP**, **PHP** and used **SOAP UI** tool for testing the services proficient in testing Web Pages functionalities and raising defects.
* Participated in Code Reviews for better quality assurance and Debugged the application Module.
* Deployed the application on **Web Logic** server.
* Developed the Web services using **SOA**.
* Developed custom **Angular.JS** directives to build custom reusable components to use across the application pages.
* Developed back end interfaces using **PL/SQL** Packages, Stored Procedures, Collections.
* Designed and Developed a Data Interface switch written in C/C++to convert dBase database calls into **Oracle ODBC** calls. This switch is used to connect to Oracle database from a dBase application.
* Used Jenkins and GIT to automate the process.
* Hands on experience with UNIX Shell Scripting.
* Implemented both **JAX-WS SOAP** and **JAX-RS RESTful** services using Annotation based approach.
* Involved in writing services using EJB3 in **WSDL**.
* Used Java Messaging artifacts using **JMS** (IBM MQ Series) for sending out automated notification emails to respective users of the application.
* Experience in designing and implementing AWS Solutions using EC2, S3, EBS, Elastic Load balancer (ELB), VPC and Cloud Formation.
* Experience in developing scripts using **Restful** API models for the purposes of integrating workflows with **AWS**.
* Involve in Daily Meetings and Biweekly meetings with the business team and offshore team on current issues in Production and as well Releases.
* Participated in a highly agile development environment involving XP and Kanban practices   
  such as TDD, pair programming and CI following the SOLID design principles and using git   
  flow.
* Followed MVC design architecture for the development of web application.
* Coordinate with various teams in resolving the tickets raised by business.

**CLIENT: PHILLIPS, Houston/Texas Feb 2012-Jan2014**

**ROLE: JAVA Developer**

**Responsibilities:**

* Coordinated with mainframe developers to understand, preserve and migrate legacy application functionality.
* Worked with technologies like **Core Java, J2EE, Hibernate** and **Oracle**.
* Created Framework for Integration Testing (FIT) based test cases for integration testing.
* Tested application functions like handling inputs, processing data, and interaction with database.
* Wrote customization codes for FIT to adapt to the application requirements.
* Implemented the **Struts** frame work with **MVC architecture.**
* Created new JSP's for the front end using **HTML, Java Script, JQuery and Ajax**.
* Developing JSP pages and configuring the module in the application.
* Developed the presentation layer using **JSP, HTML, CSS** and client-side validations using JavaScript.
* Involved in designing, creating, reviewing Technical Design Documents.
* Developed DAOs (Data Access Object) using **Hibernate** as ORM to interact with **DBMS - Oracle**.
* Worked on MQ for messaging.
* Applied J2EE design patterns like **Business Delegate, DAO, Singleton** etc.
* Deployed and tested the application using Tomcat web server.
* Using java scripts did client-side validation.
* Involved in developing DAO's using **JDBC.**
* Involved in coding, code reviews, JUnit testing, Prepared and executed Unit Test Cases.
* JBOSS for application deployment and **MySQL** for database
* Worked with QA team in preparation and review of test cases.
* Identified bugs in the migrated application by running test cases and using Eclipse IDE.
* Worked on **JavaScript, JSP and Servlets** as a web application replacement for mainframe front end.
* Provided Hibernate configuration file and mapping files, also involved in the integration of Struts with Hibernate libraries.
* Wrote Ant scripts and handled deployments on Weblogic server at test, stage levels.
* Analyzed, created and proposed remediation measures to fix the bugs in the application.
* Used log4j for logging monitoring errors and exceptions all across the application.
* Analyzed database table relationships to understand legacy application.
* Coordinated with Database Administrators to analyze and optimize the application load on database.
* Identified, analyzed, and re-mediated performance issues in application

**CLIENT: UB GROUP, Bangalore/India November2010- Jan 2012**

**ROLE: JAVA Developer**

**Responsibilities:**

* Performed analysis for the client requirements based on the developed detailed design documents.
* Developed Use Cases, Class Diagrams, Sequence Diagrams and Data Models using Microsoft Visio.
* Developed **STRUTS** forms and actions for validation of user request data and application functionality.
* Utilized Hibernate for Object/Relational Mapping (ORM) purposes for persistence onto the MySQL database.
* Developed **JSP’s** with **STRUTS** custom tags and implemented JavaScript validation of data.
* Developed programs for accessing the database using **JDBC** thin driver to execute queries, Prepared statements, Stored Procedures and to manipulate the data in the database
* Involved in developing business tier using stateless session bean.
* Used JavaScript for the web page validation and **Struts Valuator** for server side validation
* Designing the database and coding of **SQL**, **PL/SQL**, Triggers and Views using **IBMDB2**.
* Developed Message Driven Beans for asynchronous processing of alerts.
* Used Clear case for source code control and **JUNIT** for unit testing.
* Involved in peer code reviews and performed integration testing of the modules.

**CLIENT: AIRTEL CELLULAR PVT LTD/India April 2008-October 2010**

**ROLE: JAVA Developer**

**Responsibilities:**

* Carried out requirement specification, design, analysis, implementation and testing
* Designed **UML** Class Diagrams and Use Case Diagrams to understand the code easily.
* Used Servlets to implement Business components.
* Designed and Developed required Manager Classes for database operations
* Developed various Servlets for monitoring the application.
* Also developed web services components using **SOAP**, **WSDL**, **JAXB**, and **JAX**- **WS** with **java**.
* Used **Spring Framework** for Authentication and Authorization and **ORM** components to support the **Hibernate**.
* Used **JSON** for validation, documentation data required by a given application.
* Followed the **Agile** methodology to implement the application.
* Developed **XML, PHP** files, **DTDs**, Schema's and parsing **XML** by using both **SAX** and **DOM** parser.
* Wrote deployment descriptors using **XML** and Test java classes for a direct testing of the Session and Entity beans.
* Did Packaging and Deployment of builds through **ANT** script.
* Wrote stored procedure and used **JAVA APIs** to call these procedures.
* Database designing that includes defining tables, views, constraints, triggers, sequences, index, and stored procedures.