**Chandrashekhar**

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**PROFESSIONAL SUMMARY**

* **9+ years** of involvement in design, development, deployment and test of client server, web based and distributed software applications by using **J2SE**, **JEE andJ2EE** technologies.
* Experience on **SDLC** process that includes translation of requirements into functional and technical specifications, Designing, Developing, Testing Implementation & Post Production support using development methodologies like **Waterfall** and **Agile**.
* Knowledge on **JAVA 8Lambda** Expressions to retrieve the data from Collections.
* Experience in System Analysis, Design, Configuration, Code management and maintenance in the sectors of **Banking**, **Finance**, **E-commerce**, and **Health**.
* Expertise in **DOM** manipulation using **JavaScript**.
* Experience on spring modules like **Spring IOC** and Knowledge on **Spring DAO**, **ORM** and **AOP**.
* Hand on experience with **Restful webservices**, used **JAX**-**RS** to implement **RESTful** applications in Java.
* Extensive experience in working with **SOA** architecture and web services (**SOAP**, **WSDL**, **UDDI**) using Apache Axis.
* Experience with automation deployment using **Terraform**.
* Hands on experience with **Docker**.
* Good knowledge on **Active Directory** (AD) Services.
* Worked and knowledge on protocols **HTTP**, **HTTPS**, **FTP**, **SMTP**.
* Good knowledge on **TCP/IP** protocols and **TCP/IP** model.
* Worked extensively on **Angular / Typescript**SPA domains
* Good amount of work done on Reactive forms or Web Forms 2.0 in Angular  and their Validations.
* Good knowledge on issue tracking product **JIRA**.
* **Docker** is used for creating images that are deployed on AWS as Microservices.
* Experience on architectures like **Model-View-Controller** (MVC), **Service-Oriented-Architecture** (SOA).
* Expertise in implementing various **J2EE** design patterns like **Singleton**, **Session Facade**, Data Access Objects (**DAO**), Factory, Data Transfer Object (**DTO**) and Business Delegate in the development of Multi-Tier Distributed Applications.
* Developed J2EE applications by using the IDE’s such as **Eclipse**, **NetBeans** and **IntelliJ**.
* Experience in deploying applications using Application Servers like **Web Logic**, **JBOSS**, **Oracle App Server**, and web server like **IBM WebSphere, Apache Tomcat.**
* Good knowledge in usage of version controls such as **CVS**, **Git**, **SVN** and **ClearCase**.
* Extensive experience in Oracle RDBMS design and developing stored procedures, packages, triggers, cursors using **SQL** and **PL/SQL**.
* Expertise in XML Technologies **XML**, **XSLT**, **XSD**and Worked on parsers like **JAXB**, **JAXP**, **SAX** and **DOM**.
* Good knowledge in **log4J** implementation to persist the data into log files and experience with **ant** and **maven** for the build and deployment of applications.
* Having experience with Cloud Computing environment like, Amazon Web Services (AWS), Docker Containers.
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining and troubleshooting **EC2 instances, S3 buckets, Auto Scaling, Dynamo DB, AWS IAM, Elastic Load Balancers (ELB)** and Relational Database Services (RDS).
* Experience in JMS over messaging to exchange the information in more reliable and asynchronously for enterprise applications using **Active MQ and Rabbit MQ**.
* Experience on different IDEs such as Eclipse, RAD, Spring Tool Suite, IntelliJ and deployment using Application Servers like Apache Tomcat, BEA WebLogic, Web Sphere**, Glassfish, Camel and JBOSS**
* Experience with JUnit, Mockito, Log4j in developing test cases and determining application functionality.
* Well versed in developing various database objects like Tables, Packages, Stored Procedures, Functions, Triggers, Indexes, Constraints, Materialized Views and others in **Oracle database**, **IBM DB2 database**.
* Extensive involvement in development and Performance tuning of **SQL** and **PL/SQL** scripts
* Technical expertise in the areas of Object-Oriented Analysis and Design (**OOAD**) Using different methodologies and UML using **rational rose**.
* Excellent team player with good analytical, strategic planning and interpersonal and communication skills.

**EDUCATION**

Bachelor’s in Computer Science from JNTU University in Apr 2013.

**TECHNICAL SKILLS**

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| **Languages** | C, C++, Java, SQL and PL/SQL |
| **Enterprise Java** | Java, J2EE, Swing, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, JSF, Struts, EJB, Spring, JTA, JNDI and JPA |
| **Tools & Frameworks** | Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JMS, JSF, Log4J, SOA, Jasper reports, SOAP UI, Spring Boot, Spring Batch, Spring Security, and Spring Data |
| **Databases** | Oracle 8i/9i/10g/11g, Sybase, SQL Server 7.0 / 2000, DB2, MySQL and MS Access 2000 |
| **Web Development** | HTML, XHTML, CSS, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, JSON |
| **Scripting Language** | Shell Script, bash, Perl, JavaScript, jQuery |
| **Web/App Servers** | Web Sphere, Apache Tomcat, JBoss, WebLogic |
| **Tools** | Eclipse3.0, Net Beans5.0, Clear Case, Clear Quest, CVS, SVN, Perforce, Sub Version, Dream weaver 2000, Edit plus, VISIO, JUnit, JMeter |
| **Web Services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Apache Axis2, Apache CFX, JMS, MQ |
| **Cloud Computing** | Simple DB |
| **Version Control** | Accurev, Microsoft TFS ,GIT, SVN, Rational clear case |

**PROFESSIONAL EXPERIENCE**

**Client: Bank of America, Jersey City Mar’ 2020 – Present**

**Role: Full stack Java Developer**

**Description**: **Tax Allocation Engine (TAE**) application for withholding US taxes based on dollar payments based on IRS 1441 Regulations. As calculates and apply blended withholding tax rate. Back-office Trading systems provide TAE with positions for every Trade event that pays US dollar income. Allocates positions/gross payments based on Sub accounting principles. Calculate withholding taxes for any approved IRS account types such as W9, W8,BENs.

**Responsibilities:**

* Developed Trade Execution listener, to receive Trade Executions (Aks) from OMS system and calculates with holding.
* Developed Tax Allocation Engine to allocate tax to client accounts and updates Back office system with withholding tax.
* Designed and developed multi-tier, custom build workflow-based web application.
* Core Java with Concurrent API is used extensively for parallel processing and chunk processing of trade execution data and market data and converts in to JSON and store it Mongo DB.
* XSLT and Trax API used to convert different formats of XML to our Standard XML format and StAX API used for parsing XML messages
* JProfiler is used to profile he application (Memory view and CPU view and Thread view are used)
* Followed Agile/Scrum methodology that included iterative application development, weekly Sprints and stand up meetings.
* Consumed REST services using Angular HTTP and performed various REST Http operations for data retrievals and updates.
* Used Spring Boot which is radically faster in building cloud Micro Services and develop Spring based application with very less configuration.
* Working on GIT as source control management giving a huge speed advantage on centralized systems that must communicate with a server Developing Splunk based alerting and dashboards for Customer Care Service applications.
* Extensively worked on spring boot web based applications.
* Used Angular **6.0/8.0** router and implemented module wide routing and created different forms using Angular data driven and template driven forms.
* Developed Angular Components, Services, and Filters and took part in developing unit test and integration test cases using Jasmine, Karma.
* Developed Micro services & APIs using Spring Cloud, Spring Security, Spring Boot, Spring Integration.
* Performed REST validations and created REST exception Handlers and used Postman to test REST services.
* Developed unit test cases using Junit, Spring to test REST microservices.
* Involved in consuming SOAP based web services so that the business application can integrate with legacy applications and facilitates for future applications.
* Used Java 1.8 Lambda expressions and Stream API to support functional-style operations on streams of elements.
* Worked on Java functional programming concepts like Streams, Functional Interfaces, new date time API and lambda expressions.
* Design and implementation of different micro services and its Docker files.
* Created and maintained Docker images and Docker containers.
* Configuring the Docker containers and creating Docker files for different environments.
* Involved in designing and deploying multitude applications utilizing almost all AWS stack (Including EC2, S3, AMI, Route53, RDS, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and Auto-Scaling
* Used Multi-Threading and collection framework including List, Map etc.
* Used Apache Maven as a build tool for building the Restful web-service.

**Environment:** : Java 1.8, concurrent package, lambda expressions, streams, JavaScript, Servlets, JSP’s, JDBC, EJB, JPA, Hibernate, JAX-B, JAX-RS, SQL, Oracle 10g, GitHub, Ant, ServiceNow, Spring Boot, Spring Batch, JMS, Tibco EMS Autosys, Eclipse, Unix, JUnit, Log4J, Angular 6,HTML, CSS, and Bootstrap, Docker, AWS, , Swagger, Microservices, JIRA, Jenkins

**Client: TD Ameritrade - Jersey City, NJ Jan’ 2017 – Mar’2020**

**Role: Full stack Java Developer**

**Description**: **AMBT(Activity Manager Bloomberg Toms )** will picked up Advisory orders and sent to Bloomberg TOMS over FIX session. When order Will be executed, fully figured trades will be passed to Advisory order entry system. Bloomberg Trade Order Management Solution (TOMS) is multi-asset solution for front-end inventory, trading and middle and back-office operations. Wealth Management will use TOMS to manage advisory platform trades. .

**Responsibilities:**

* Used Java 1.8 Lambda expressions and Stream API to support functional-style operations on streams of elements.
* Worked on Java functional programming concepts like Streams, Functional Interfaces, new date time API and lambda expressions.
* Used Java 1.8 Lambda expressions and Stream API to support functional-style operations on streams of elements.
* Implemented JMS Listener on MQ, Routing functionalities and invoking corresponding web service using Apache Camel.
* Core Java with Concurrent API is used extensively for parallel processing and chunk processing.
* Apache camel Kafka end point used to publish trade confirmations to Apache Kafka .
* Worked with KAFKA Zookeeper for managing the cluster with broker/cluster technology.
* Developed component send trade data to Rest Endpoint to capture enriched data. Response from Rest Endpoint publishes to MQ using Apache Camel•
* Used Angular router and implemented module wide routing and created different forms using Angular data driven and template driven forms.
* Developed Angular Components, Services, and Filters and took part in developing unit test and integration test cases using Jasmine, Karma.
* Consumed REST services using Angular HTTP and performed various REST Http operations for data retrievals and updates.
* Implemented Cloud capabilities like Centralized Configuration, Load Balancing, Service-to-Service call using Feign, Service Registry and Discovery using Eureka in Spring Cloud.
* Used Spring Boot which is radically faster in building cloud Micro Services and develop Spring based application with very less configuration.
* Developed Micro services & APIs using Spring Cloud, Spring Security, Spring Boot, Spring Integration.
* Spring JDBC used retrieve and update ,inserting data in oracle database with use of stored procs.•
* Oracle Coherence used to store Reference Data.
* Used Apache Maven as a build tool for building the Restful web-service

**Environment**: Java 1.8, concurrent package, lambda expressions, streams, J2ee, webservices, JMS, XML(Dom, Sax, Xpath, Stax, XSLT),IBM MQ, Kafka 2.0, Spring Boot, Apache Camel 2.2, Spring Batch, Spring Data JPA, EHCache, Jprofiler, Eclipse, Jenkins, Confluence, Jira, SourceTree, Swagger, Maven, Windows, Linux,DB2, Sql Server.

**Client: AIG, Jersey City, NJ Nov’2015 – Jan’2017**

**Role: Full stack Java Developer**

**Description**: **Bind** Underwriting platform with Agent/Insured Access applications can then conduct pricing and rate analysis, calculate premiums, standardize quotes across channels, and vary rates according to risk and policy information that would help customers in getting current insurance quotes as well as managing claims.. Working on e-commerce module for customers for getting quotes, buying and renewing policies, updating personal information**.**

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed Agile methodology in the Scrum Cycle Method.
* Developed UI pages with JSP, HTML5, CSS3, JavaScript, JQuery, and Boot Strap for creating Web pages.
* Created AngularJS Controller which isolate scopes perform operations in UI.
* Followed the strict patterns of implementing MVC architecture using Angular Framework. Design and implementation of accessibility features and collaborating with customer up to date.
* Web application backend REST API utilizing Angular JS and MySQL.
* Experience in Implementing Java8 features such as Lambda expressions and Stream API.
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is used to separate the application configuration and dependency specification from the actual application code.
* Created and injected spring services, controllers and DAOs to achieve dependency injection and to wire objects of classes.
* Implemented CAS for Single sign-on application access and authorization.
* Developed RESTful service interface using Spring MVC to the underlying Agent Services API and Implemented RESTful web services.
* Worked with NoSQL DynamoDB to store, retrieve, tag values of machines and Used AWS Lambda services to integrate it with MySQL.
* Used JDBC Template to connect to MySQL database
* Used Apache Maven as the software build tool and Log4J for logging errors and messages.
* Deployed the application in Apache Tomcat.
* Worked with REST API’s to efficiently handle and searching JSON data.
* Develop unit test using JUnit.
* Created and configured the continuous delivery pipelines for deploying functions using Bitbucket/ Jenkins server.
* Migration of Existing Application to AWS cloud. Used Amazon Web Services (AWS) like EC2, S3, RDS, cloud watch and Cloud Front for promoting code in various environments.
* Used GIT for version control.

**Environment**: HTML5, CSS3, JavaScript, Bootstrap, Agile(SCRUM), AngularJS, AJAX, Hibernate, Spring, Cassandra DB, Spring Batch, Spring Boot, Spring Security, Servlet, XML, GIT, JSP, Postman, Spring MVC, JDBC, Mockito, JUnit, Maven, IBM WebSphere, Restful, Log4J, SOA, Micro services, Swagger, JIRA, Spring Security, Jenkins and STS.

**I2 Technologies, Feb’ 2013 – June’ 2015**

**Location: Bangalore, India**

**Role: Java Developer**

**Description:** **CUTS** will store control data in a structured format opposite to the flat records known from CTMS. The intention is to store the logical data structure in a physical layout to make it visible for reporting from outside the application. This intention of structured data store makes it necessary to deal with dynamic table management within the application CUTS. Table definitions and table data will be stored in DB2 tables and in DB2’s system catalogue. The approach is to replace CTMS by a new system named Control and User Table System (CUTS), which will overtake most of CTMS functionality. There will be a Web based user interface for table administration and table content management imbedded in Global Logistic Portal. User administration and user authorization will be managed via the GLP facilities, which will be enhanced for this purpose if necessary. CUTS will not have a user administration on its own..

**Responsibilities:**

* Involved in understanding and analyzing the requirements of the project.
* Implemented Struts MVC design pattern and front controller pattern.
* Developed Action Class components for performing business process execution and involved in configuration of struts configuration specific xml file.
* Created and handled Custom-Exceptions that are related to business operations. Created child Threads to improve the performance by running some independent tasks at background.
* Developed Server-Side components for the business services for creating Items, BOM, Sourcing Rules, and substitute.
* Used Java 5 features to implement the functionalities.
* Designed and developed the User Interface using HTML, JavaScript, AJAX and CSS.
* Used Log4j for logging purposes during the development of the application.
* Used JDBC to interact with the underlying Database.
* Extensively worked on SQL for writing complex queries in the business logic layer.
* Deployed Applications on Apache Tomcat Server and used CVS as the version control manager.
* Used Mantis for tracking the issues and for enhancements of any features.
* Used Eclipse IDE to integrate the different frameworks to build the overall application.

**Environment:**  Java, JDBC, Jdk1.5, Servlets, Struts, JSP, Hibernate, Java Mail API, AJAX, HTML, XML, ANT, Log4J, CVS, RAD, Putty, MySQL, Mantis, Apache Tomcat, Eclipse IDE, Waterfall Methodology.