**Chandu**

**Full stack Java Developer**

**Summary:**

* **8+ years** of experience in **Design** & **Development** of Enterprise Applications, **Web Applications**, and Web Services in **Java/J2EE** and related technologies.
* Having good experience in MEAN Stack (MongoDB , Express.js, Angular.js, Node.js) applications.
* Expertise in using Node JS, Express JS, and MongoDB along with Mongoose.JS to create server side applications.
* Strong experience in XML related technologies including **XSD, DTD, XSLT, XPATH, DOM, SAX, JAXP, JAXB, XML-RPC** and **XML Beans**.
* Experience in building Single Page Application (SPA) using Angular, VueJS, handlebars, jQuery, AJAX.
* Expertise in using Design patterns and object oriented methodologies to design software for mobile
* phones
* Extensive experience in Java J2EE technologies using Core Java, Java collection, JDBC, Threads, Spring Framework (**Spring Boot, Spring Batch**), Struts Framework, Hibernate, Servlets, DHTML, CSS, JMS, JSTL, Display Tag (Custom Tag), Ajax, Java Script.
* Expertise in developing production ready Spark applications utilizing Spark-Core, Data-frames, SparkSQL, Spark- ML and Spark-Streaming API’s.
* Applying fixes Security Vulnerabilities found by IBM AppScan and Veracode.
* Expertise in using HTML5, CSS3, XML, XSL, XSLT, JAXP, JAXB, JAVASCRIPT, JQUERY, JSON, JSTL, **Backbone JS, PHP, Express JS,Ext JS, JS, Node JS** and AJAX meeting W3C standards.
* Experienced in web development using **HTML, DHTML, XHTML, CSS, JavaScript, DOJO, Angular JS,** and **AJAX** technologies.
* Skilled in developing APIs for middleware Framework modules for mobile platforms using C and C++
* and Java.
* Experience working with YAML, a swagger used to describe the API ’s.
* Develop implementations for cloud & microservices architectures and frameworks; regularly develop frameworks, pipeline scripts, cloud CLI scripts, how-to snippets (Java, Spring, Kubernetes, Docker, etc.) as part of customer migration.
* Good working knowledge of Google Cloud Platform (GCP) which includes services like Compute Engine, Cloud Storage, Cloud SDK, Cloud SQL, Google Kubernetes Engine, Big Query, Cloud Run, Cloud Functions, Vertex AI, Auto ML, Artifact Registry, Container Registry, Big Query.
* Extensive experience working in Test-Driven Development and **Agile-Scrum** Development.
* Experience in working in both Windows and **UNIX** platforms including programming and debugging skills in **UNIX Shell Scripting**.
* Strong experience working with both batch and real-time processing using Spark frameworks.
* Expertise in using Design patterns and object oriented methodologies to design software for mobile
* phones.
* Developed Rest Api in Node JS using express service.
* Proven expertise in implementing IOC/Dependency Injection features in various aspects of Spring Framework (**SpringCore, Spring Batch, Spring Boot, MVC** ).
* Experience in creating comprehensive web applications using **MEAN stack** implemented with **MS SQL**, **Express**, **Angular.JS 7/8/9/10/13** and **Node.js**, **Java 8 ,10,11.**
* Conducted detailed analysis to support designing and development of **BPM applications**.
* Good working knowledge of **J2EE** best practice tool sets such as **Ant, Maven, Log4j, Slf4j**.
* Employing Java Object/Relational bridge technologies such as **Hibernate, JPA,** and **spring.**
* Developed applications using frameworks and API like **Struts, Spring MVC**.
* Extensive experience in Java/J2EE programming - **JDBC, Servlets, JSP, JSTL, JMS**.
* Worked on **AWS,** High Availability Practices and deploying backup/restore infrastructure.
* Experience in designing, developing, and deploying J2EE applications on Web sphere, Web logic, Apache Tomcat and JBoss application Servers.
* Experienced in Web Services approach for Service Oriented Architecture **(SOA).**
* Experienced with **Akka** building high performance and reliable distributed applications in **Java** 8.0 and **Scala.**
* Sound working knowledge of performance tuning in JAVA and J2EE including **hibernate** tuning
* Experience in using various Configuration Management tools like **CVS, GIT** and **SVN**.
* Experience in using **ANT tool**, Maven to compile, package and deploy the components to the Application Servers.
* Very keen in knowing the newer techno stack that Google Cloud Platform (GCP) adds.
* Experience in deploying, configuring and administering application servers such as **IBM WebSphere, WebLogic, JBoss, JAX-WS, Glassfish** and **Apache Tomcat.**
* Expertise in developing and consuming Web services including different technologies and standards like **DTD, XSD, SOAP, WSDL, JAX-RPC, JAX-WS, WS-I** and **Apache Axis, JAX-RPC**.
* Expertise in development frameworks **Struts, Vert.x, Spring** and **EJB.**
* Good knowledge in **Restful** Web Services.
* Expertise in design and development of various web and enterprise applications using Type safe technologies like **Scala.**
* Good Knowledge of using IDE Tools like **Eclipse, NetBeans, JBuilder**, Rational Application Developer(RAD) for Java/J2EE application development.
* Experience in Micro services development using spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Experience in installing, configuring, tuning **IBM Web Sphere 6.x/5.x, Apache Tomcat 5.x/6.x, JBOSS 5.x/4. x.**
* Proficiency in working with databases like **Oracle, MySQL**.
* Expertise in database modeling and development using SQL, T-SQL and PL/SQL in Oracle and SQL Server environments.
* Experience in Unit testing using **JUnit, Selenium**.
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* In-depth knowledge of **PL/SQL** with the experience in constructing the triggers, tables, functions, user defined data type, procedures etc.
* Exposure to **Oracle, DB2**, and **MySQL** databases in developing applications using SQL Scripts, Stored Procedures.
* Experience using an Integrated Development Environment like **Eclipse, RAD 7.5/8.5** for code development.
* Good experience of AWS Elastic Block Storage **(EBS),** different volume types and use of various types of EBS volumes based on requirement.
* Analyzed log files using Pivotal Cloud Foundry PCF console.
* Experience of configuration tool **CVS, Clear**, and TortoiseSVN developing on Linux, Windows Operating Systems.
* Extensive experience in developing Web Services applications using REST Client, **REST API, SOAP UI, dozer mapper**.
* Experience with web development technologies like **HTML, CSS, JQuery, AngularJS, JavaScript, JSP** and **JSON**.

**Technical Skills:-**

* **Java Technologies:** Core Java, JSP, Servlet, JDBC, J2EE, JNDI.
* **J2EE Frameworks**: Struts, Hibernate, Spring Boot , Spring Batch, Spring IOC, Spring AOP, Spring DAO, EJB, JPA, Vert.x
* **Web Development**: Web Services, Restful Web Services(JAX-RS), SOAP, APACHE AXIS VERSIONS, AJAX, JQUERY,HTML,DHTML,CSS,JAVAScript,Angular JS 2/4/6/7/8/9/10/13,Node,Backbone.js,Ember.js.
* **Languages:** C, C++, Java, JavaScript, PL/SQL.
* **Cloud Platform** : AWS, GCP
* **Operating Systems**: Windows, UNIX(Solaris), LINUX, HP-UX.
* **Application/Web Servers**: JBOSS, Web sphere, Web logic.
* **IDE’s**: Eclipse, My Eclipse, Spring Tool Suite, RAD.
* **RDBMS/Backend**: Oracle, DB2, MYSQL Server.
* **Databases:** Oracle 12c/11g/10g/9i/8i, SQL Server, MySQL, Sybase 12.5, DB2, MongoDB, Cassandra
* **Tools**: JIRA, Pivotal Tracker, Unified Modeling Language (UML), Entity Relationship Diagram (ERD), Dream Weaver, TCP/IP, HTTP, ANT, ENHYDRA, Kawa Pro, Gen Shell, Toad, SQL Developer.
* **Version Control Systems**: WIN-CVS, Git, SVN, Rational Clear Case.

**Professional Experience:**

**Client: Abbvie,** **Francisco, CA Oct 2021 – Till date**

**Role: Senior Java Full Stack Developer**

**Responsibilities:**

* Involved in SDLC requirements gathering, analysis, design, development and testing of applications developed using AGILE methodology.
* Created POC for Automatic update for the deployment status update using **Vert.x** Framework (push Notification), **HTML5, CSS3, JavaScript, Junit & JAVA.**
* Experience in installing modules and libraries using NPM and bower.
* Developed Preprocessing job using Spark Data frames to flatten Json documents to flat file.
* Configured Package.json for application dev and deployment dependencies and used Node NPM to set it up.
* Created pl/pgsql functions to return data through refcursor in Postgres database.
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Reviewed source code (Java/J2EE/Spring/JavaScript) and developed security filters within IBM AppScan, HP Fortify for critical applications.
* Created POC for SSI authorization using **vert.x** Framework.
* Developed multipleAngular 9.0 components which are compatible with latest versions of typescript angular CLI.
* Instructed teams on best practices around PCF and Spring Boot.
* Writing groovy scripts as part of DevSecOps and remediation of Checkmarx with Jenkins server drove the adoption of security scanning tools Checkmarx and AppScan for both development and production use.
* In addition to code development, maintained project documentation and assisted in application design with React Native
* Worked with Object-Oriented JavaScript such as **Backbone.js**, **Knockout.js, Ember.js, Handlebars.js**.
* Initially we have used **Node.JS/Express.JS** to mock REST services and built the UI app using that mocked backend; but later we integrated with the real backend system and coordinated with the server-side development team.
* Developed Kafka Messaging System in Api’s to behave as Producer and Consumer using Kafka Wrapper.
* Using **Java**features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
* Working with Bootstrap Components which are written in AngularJS using Angular-UI components.
* Developed Spark Applications by using Scala , Java and Implemented Apache Spark data processing project to handle data from various RDBMS and Streaming sources.
* Scalable data design for MongoDB and Redis , Caching in MongoDB With Redis Cache Using Spring Boot.
* Used Hibernate to store the persistence data into the PostgreSQL database and wrote HQL to access the data from the database.
* Responsible for migrating the Web services from shared Java environment to PCF - Cloud platform.
* Migrating Confidential customers from monoliths to cloud & microservices with different cloud provider architectures: AWS, Pivotal Cloud Foundry (PaaS and PKS), OpenShift, and Confidential ICP. Using managed & non-managed services.
* Implement Java SSO, captcha, and new UI/SPA features.
* Implemented user interface guidelines and standards throughout the development and maintenance of websites using Angular 6, HTML5, CSS3, Bootstrap, TypeScript, DOM, Ajax and Java.
* Created POC for **Spring Batch** for running batch jobs. Documented how Spring Batch is useful for the current project.
* Worked on infrastructure with Docker containerization and maintained Docker Images and containers.
* Have worked on **AWS** to fetch the pictures and Videos from AWS to UI.
* Understanding of Apple's design principles and interface guidelines and knowledge on the REACT NATIVE app.
* Worked the backend by using **Node JS, express JS and MongoDB.**
* Migrating rules from **‘Mind-Box’ to Drools (Red-Hat JBoss BRMS**) with eclipse as a mediator. Solely in charge of providing and presenting a more simple and efficient design and implementation of BPM rules engine technology to handle the complexity of the new Pricing.
* Used Spark Streaming APIs to perform transformations and actions on the fly for building a common learner data model which gets the data from Kafka in Near real time and persists it to Cassandra.
* Developed java micro services API with YAML for end points catering to create, edit, and save submissions and other entities.
* Worked on **Angular 9,10** technology for one complete project in rebasing the UI of the application using the techniques in **Angular 9,10**.
* Implemented Regression models using PySpark MLlib.
* Created and enhanced typescript files for views, services and models.
* Build data pipelines in airflow in GCP for ETL related jobs using different airflow operators.
* Experience in GCP Data proc, GCS, Cloud functions, Big Query.
* Implemented initial setup of **angular 8/9** application with node and npm modules.
* Implement user authorities' management with **Spring Security**.
* Working as a Senior UI/SPA Developer for ecommerce single page application developed using Angular framework targeting all modern web browsers, tablets and phones
* Designed, developed, planned, and migrated servers, relational databases (COSMOS DB) and websites to Microsoft azure cloud.
* Experience in working on DevOps teams and help automate server and infrastructure configurations
* using shell scripting, Perl, chef cook books and building Docker Images.
* Mobile application development with Titanium SDK
* Knowledge in configuring Cloud platforms such as VMs, **Azure AD, Web Apps, DB’s, Cloud Services, etc**.
* Experienced on creating and managing **Azure VM, VMware tools, Cloud Services, and Storages.**
* Experienced with deployments, maintenance and troubleshooting applications on **Azure Cloud.**
* Created **Azure Web-Apps** and provided the access permission or Authorization to Microsoft Accounts.
* Implemented **Spring boot microservice**s to process the messages into the Kafka cluster setup.
* Currently working on developing Server less functioning using **AWS lambda with JAVA 8 and 10.**
* Design and manipulation of **JBPM** process for the client activities in order to manage the people queue for each activity.
* Develop mobile time tracking user interface for iPhone and Android using PhoneGap library.
* Implemented layout of front end web page with angular components and created **angular** services to interact with backend java applications.
* Used different react js libraries like React select and React intl with node js server.
* Involved to implement various screens for the front end using React.js and used various predefined components from NPM and redux library and deployed application to NGINX .
* Integrated the **Drools and JBPM** to application framework, which involved dynamic creation of knowledgebase and Knowledge session.
* Help Devops teams configuring servers by building cookbooks to install and configure tomcat.
* Created Microservice to provide RestFul API/ Rest API utilizing **Spring Boot with spring MVC.**
* Demonstrated experience working with (consuming) REST or **GraphQL** APIs via client side JavaScript or server side via NodeJS
* Established Database Connectivity using **JDBC, Hibernate O/R mapping** with **Spring ORM** for **MySQL Server.**
* Written **Map reduce** and **Spark codes** in Java to run a sorting application on the data stored **AWS**.
* Good knowledge in deploying the application jar files into **AWS** instances.Experienced in converting Hive/SQL queries into Spark transformations using Spark RDD, Scala and Python.
* Experience working with (consuming) REST or **GraphQL** APIs via client side JavaScript or server side via NodeJS
* chitected, and developed the mobile applications for Confidential using Xamarin, a cross platform development tool.
* Involved in the development of the presentation tier using Spring framework like **Spring Boot** and **Spring Batch** to record from a database or input file,selects records based on predefined rules, and writes the records to an output file.
* Converted a monolithic app to Microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest files for various Microservices in PCF.
* Currently working on developing Server less functioning using **AWS lambda with JAVA 8 and 10.**
* Coded **Soap** and **Rest web** services using **spring boot** to rewrite existing applications to micro web applications.
* Designed and developed transaction system and payment system with **Spring Boot** and **Kafka** framework.
* Interfaced with the **My SQL** back-end database by integrating **Spring with Hibernate**.
* Created and regularly use the Confidential Cloud/Microservices Assessment asset for identifying current level of best-practices adoption, gaps, and roadmap for adoption of cloud/microservices practices
* Involved in Construction of UI using **JQuery, Angular.Js, Node JS** and **JavaScript**.
* Configured **Spring boot** restful web services application and enabled actuator to monitor application health status.
* Helped Devops team with POC for Docker by containerizing the web application.
* Integrated **NoSQL** database like **Hbase** with **Apache Spark** to move bulk data into **HBase.**
* Have worked on **AWS** to integrate the server side and client-side code.
* Modified existing and created new **Hibernate objects** based Queries for **data storage, retrieval,** tuning and mapping.
* Used NPM for installing required **node.js** modules and other published Angular NPM modules
* Configured **Mongo** repository and developed persistence objects with **Spring Data Module.**
* Developing business logic with Java core, collections and **java 8 lambda expressions**, streamers, Local Date objects.
* Consumed **Web Services** to interact with other external interfaces in order to exchange the data in the form of **XML** and by using **SOAP**.
* Created modal objects to integrate requests and responses between front-end angular and java web services in **JSON** format.
* Writing the native bridges for IOS and Android to integrate with React App.
* Skilled in developing APIs for middleware Framework modules for mobile platforms using C and C++
* and Java
* Experience with Docker Containers, leveraging Linux Containers and AMI’s to create Docker
* Images/containers and kubernetes.
* Developed a robust form management system with complete CRUD capabilities in React Native, Redux, and Firebase.
* Created DTO objects, JPA repositories and created native **SQL queries** to persist data to the database.
* Used **log4J** for application logging and notification tracing mechanisms.
* Configured **Maven** and resolved life cycle dependencies and generated artifacts for deployment.
* Developed Test Driver components with **TDD** added code in crucible to find defects and resolve them before quality testing performed.
* Attending daily scrum meetings, sprint planning meetings, backlog refinements.
* Deployed spring boot application using Pivotal Cloud Foundry (PCF).
* Used React-Router to turn an application into a Single Page Application.
* Developed Single Page Application (SPA) using Angular and injected generic services using Angular 2.
* Involved in the Agile**/SCRUM** process, attending daily stand up and completing tasks in sprints.
* Involved in code review meetings and updating components as suggested by tech leads.
* Developed and executed test strategy and coordinated QA testing in **Agile Environment.**

**Environment**: **Java,HTML5, CSS3, Java Script, AWS, GCP, Spark, Scala, Kafka, Spring Boot, Vert.x, Spring Batch, XML, GWT, Ajax, Angular8/9, Backbone.js, Knockout.js, Graph QL, Ember.js, Handlebars.js, Restful Services, Node JS, MongoDB, Docker, Grunt, NPM, Jasmine, Jira.**

**Client: Tailored Brand,New York, NY. Aug 2020 – Oct 2021**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in **SDLC** requirements gathering, analysis, design, development and testing of applications developed using AGILE methodology.
* Created user-friendly GUI interface and Web pages using **HTML, Angular JS, Node JS, JQuery** and **Java script**.
* Defined new validations through AngularJS for the form field validation implemented through **HTML5**.
* Developed multiple POCs to create an interface between Backend to Frontend by using **MongoDB, Express JS, Angular JS** and **Node.js**, React.js
* Used Apache airflow in GCP composer environment to build data pipelines and used various airflow.
* Used **Spring MVC, Ajax** and Dependency Injection for handling presentation and business logic.
* Developed single page applications using Angular 2, Vue.js, Typescript, web pack and grunt.
* To maintain loose coupling between layers, they published the business layer as services and injected the necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP**.
* Created microservices with spring boot and spring cloud and deployed to Pivotal cloud foundry(PCF) .
* Integrated **Spring DAO** for data access using Hibernate.
* Worked extensively with software development teams to review the source code, triage the security vulnerabilities generated by IBM AppScan, BurpSuite, Nessus, HP WebInspect, HP Fortify, Checkmarx and eliminated false positives.
* Strong experience in developing Single Page Application (SPA), using MEAN (Mongo, Express JS, Angular and Node) stack.
* Used Spring Security for Authentication and Authorization of the application.
* Used **Drools** to handle complex business rules using Rule Sets and Rule Flows.
* Worked on developing Restful endpoints to Cache application specific data in in-memory data clusters like Redis and exposed them with Restful endpoints by using Redis Cache .
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, SCSS, Bootstrap, TypeScript, Ajax, Angular 8&9.
* Implemented Twilio SMS notification and update flow with Java, Spring, PostgreSQL, YAML, and Cron
* Integrated the **Drools and JBPM t**o application framework, which involved dynamic creation of knowledgebase and Knowledge session.
* Responsible for architecting and executing solutions usingJavaScriptframeworks likeReact.js, and Backbone JS/React native.
* Worked with GCP Cloud function with Python to load Data into Big query for on arrival csv files in GCS bucket
* Responsible for designing, development and delivery of the Workflow process using JBPM.
* Responsible for designing **Hibernate** mapping files based on business logic and Object relationships.
* Created data model and generated Hibernate mappings and domain objects using **Hibernate** tools.
* Responsible for designing &amp; developing the UI Screens using Angular JS with node.js, HTML pages, CSS, spring boot framework with Apache-Maven and JAVA-J2EE technologies.
* Deployed our Application on Pivotal Cloud Foundry which is used to reduce the development overhead by providing a ready to use platform.
* Highly used Angular 4 router to build single page application (SPA) to navigate through the different components.
* Implemented Collections Framework for fetching and appending strings from the deployed UI.
* Developed UI using HTML5, CSS3, SASS, JSP, JavaScript, AngularJS and Bootstrap.
* Integrated **Spring** and **Hibernate** together and worked on developing backend components and services using Hibernate and Spring.
* Experienced in connecting Avro Sink ports directly to Spark Streaming for analysis of weblogs.
* Extensively used **HQL** and **SQL** for querying databases.
* Designed and implemented database and associated RESTful web service that persists high-volume user profile data for vertical teams. Migrated high-volume **OLTP** transactions from Oracle to Cassandra in order to reduce Oracle licensing footprint.
* Had done poc on spark/scala/hbase.
* Developed the application using Spring MVC intensively that leverages classical MVC architecture and JavaScript for major data entry that involved extreme level of data validation at client side.
* Developed Message Driven Bean for asynchronous sending Messages using **JMS.**
* Consumed Web Services to interact with other external interfaces in order to exchange the data in the form of XML and by using **SOAP**.
* Used **Spring Batch** and Hibernate for creating batch jobs to read multiple formats of data and write it into a flat file.
* Used **J-Unit Testing** and **Ant Scripts**.
* Developed UNIT test cases using JUNIT and Mockito and configured through **Maven surefire plugins** to bepart of continuous integration.
* Making reproducible framework situations for microservices engineering. Created a Request for Proposal (RFP) microservice providing RESTful API using Spring MVC and **Spring Boot.**
* Used **JIRA** for tracking the Project Stories in **AGILE** Methodology.
* Implemented **Spring Batch** and Spring Task Scheduler to automate importing data from CSV files sent from client into DB2 database.
* Good Experience inReact.jsfor creating interactiveUI'susingOne-way data flow, Virtual DOM, JSX, React Nativeconcepts, Node JS
* Used Rest methodology for the service layer interface and used **JSON** for the data transformation.
* Developed various **AJAX** and **JSON** calls for the communication between the server and the UI.
* Configure to use services of Eureka,Hystrix from PCF marketplace.
* Developed reusable Angular 4 components which are compatible with latest versions of Typescript and angular CLI.
* Using **AJAX** to request **JSON** data through third party **REST APIs** to acquire product data from the server and display it in sorted order.
* Distributed intra and Internet application architecture and design using Rich Client UIs jQuery, GWT,
* Eclipse RCP/SWT , Service Oriented Architectures, and multiple messaging technologies HTTP servlets,
* REST, JMS, Websphere MQ across heterogeneous operating systems and DBMSs SQL and noSQL
* Working with back-end web technologies such as Apache, Nginx, MySQL, Mongodb, Memcache.
* Backend experience, with data-processing using NoSQL: Redis, MongoDB.
* Coded Rest API for Product service using spring boot.
* Assisted Development teams to migrate applications to Docker based PaaS platform using **Kubernetes**.
* Developed web services to produce and consume the services by making Web Service calls to remote services in different applications.
* Used **Spring JMS** module for lookup for the queues and MDBs for the listeners
* Established Database Connectivity using **JDBC, Hibernate O/R mapping with Spring ORM for MySQL Server**.
* Worked with Object-Oriented JavaScript such as Backbone.js, Knockout.js, Ember.js, Handlebars.js.
* Packaged and deployed the application in **IBM WebSphere**.
* Written **LINUX shell scripts** to identify user login information.
* Playback and technical presentations to the clients on acquired knowledge.
* Generating reports in PDF using iText Open source and excel file formats.
* Used Rational Clear Case for the version control.
* Used **Maven** as the build tool.
* Used Tortoise SVN to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and create new branches when new feature implementation starts.

**Environment: Java, JDK, J2EE, HTML5, CSS3, Angular JS, Node JS, GCP, XML, JSON, AJAX, JQUERY, Struts, Hibernate, Spring Boot, Spring Batch, Spring DAO, Spring IOC, MySQL Server, JMS, JNDI, Maven, RMI, Eclipse IDE, UML, JIRA, Rational Clear Case, LINUX.**

**Client: Commscope, Richardson, TX Oct 2018 – August 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in the complete **SDLC** including design of **System Architecture, development of System Use Cases based on the functional requirements**.
* Designed the algorithm and codes and also have used design patterns and Object-Oriented Design methodology.
* Participated in Server upgrades, code migrations, and also worked on important enhancements in the business requirements.
* Involved in implementation of MVC pattern using **AngularJS, Node JS, JSP and Spring Controller**.
* Used **JAX-RPC** Web Services using **SOAP** to process the application for the customer.
* Implementing the nightly batch jobs to process the data.
* Developed Junit test cases for unit testing and integration testing.
* Deploy/Manage/scale/ applications in PCF .
* Used **Spring Batch** to build the POJO-based development approach of the **Spring Framework**.
* Design and developed configuration output in XML and PDF format.
* Designed and developed configuration wizard using **Spring MVC**, used Spring Web Flow to create business rule based flow mechanism, and configuration entity model in **JPA.**
* Implemented Restful Web Services using **Spring Boot.**
* Has working knowledge of Redis Cache, Memcache and RabbitMQ.
* Created detailed design documents for use cases of the system that are signed off by business users.
* Implemented **MVC** architecture using **JSP, Spring, Hibernate** and used **Spring Framework** to **initialize managed beans** and **services**.
* Used spring boot Actuator to externalize application's configuration properties for different environments.
* Worked on the development of the Language Manager application using Portlets, Struts, SQL Server, Hibernate, etc.
* Used **Spring Batch** with Spring Boot framework for developing a batch application for Loyalty Rewards.
* Built restful web services using **MongoDB**/**Node.JS** and implemented the front-end using **jQuery** and **Angular.JS 6** controllers, directives, and service.
* Explained to executive-level personnel on how PCF is the key component for a meaningful digital transformation
* Involved in doing POC such as **MongoDB** and **Spring Boot** Technologies.
* Debugged and solved problems on several applications based on different technologies.
* Manual conversion of numerous Oracle objects to PostgreSQL objects.
* Worked on the validation of forms and user authorization using authorization tokens with
* JavaScript and jQuery and Bootstrap for styling UI Interface of the application.
* Participated in the design of the database tables in **MySQL** to store information of the clients and their project details after Normalization of the database schema.
* Implemented the concept of smart tables in **AngularJS.**
* Helped in fixing the bugs found in unit testing and integration testing by the QA team.
* Developed UI pages with **JSP, Spring MVC, HTML5, CSS3**, JavaScript, JQuery, and used Boot Strap for creating Responsive Web pages.
* Created **AngularJS** Controller which isolates scopes to perform operations in UI.
* Develop unit tests using Karma and Jasmine. Followed strict patterns of the RA team for unit test cases with **jasmine.**
* Used Drools Decision table using excel sheets with a **Spring MVC** project.
* Used **JENKINS** for continuous integration(CI) and continuous deployment(CD).

**Environment: HTML5, CSS3, Java Script, XML, GWT, Ajax, AngularJS, Restful Services, Node JS, Spring MVC, Spring, JDK, Spring Boot, Spring Batch, Hibernate, My SQL, Maven, Jenkins, JBoss, Docker, SVN, Selenium, NPM, JUnit, Jasmine, Karma, Mockito, Eclipse, Jira.**

**Client: Xchain Technologies, Hyderabad,India Aug 2014 - July 2018**

**Role: Java Developer**

**Responsibilities:**

* Developed web application based on J2EE Spring framework, Implemented Java and J2EE Design patterns like Business Delegate.
* Involved in the analysis, design, and development and testing phases of application using **AGILE SCRUM** methodology.
* Implemented MVC architecture application using **Spring, JSP** & **Java beans.**
* Extensively Used JavaScript and Ajax to provide the users with interactive, Speedy, functional and more usable user interfaces.
* Developed data pipeline using Sqoop, Spark and Hive to ingest, transform and analyze operational data
* Extensively worked with **Hibernate** Query Language (HQL) to store and retrieve the data from Oracle database.
* Implemented application level persistence using **Hibernate** and spring.
* Designed the Front-end screens using **JSP, HTML, CSS** and **JSON.**
* Developed application in Angular with TypeScript and implemented RXJS (reactive extension) to allow async data streams with RXJS operators like map, reduce and filter
* Used Spark SQL with Scala for creating data frames and performed transformations on data frames.
* Created and maintained the configuration of the Spring IOC Container.
* Developed Business Layer and DAO Classes and wired them using Spring Framework.
* Integrated spring (Dependency Injection) among different layers of an application
* Integrated Hibernate with Spring for persistence layer.
* Configured Struts, **Hibernate** framework with Spring **MVC**.
* Created, inserted and extracted Json data from columns in Postgres databases.
* Worked on Designing, Installing and Implementing Ansible configuration management system and Writing playbooks for Ansible using YAML and deploying applications.
* Worked on POC’s with Apache Spark using Scala to implement spark in project.
* Used **GIT** for source code maintenance.
* Created custom readers, processors, Validators, Field Extractors for various **Spring Batch applications**.
* Used **spring batch framework** to create custom readers and writers to work with the application.
* Integrated version controller-**GIT** with the spring application to connect the **GIT** server and manage the code.
* Used **Spring AOP** for cross cutting concerns like logging and exception handling.
* Created various spring boot and **spring batch applications** to connect them to various databases and created queries to retrieve data and modify the tables for the databases.
* Created REST web services for populating and saving data from/to the database.
* Used Web services - **WSDL** SOAP for getting credit card information from third parties.
* Involved in the Maintenance and Code changes from existing code, Support of the System.
* Involved in the configuration management using SVN.
* Used Jenkins and **Maven** scripts for automating the process of building, testing and deploying the system.
* Developed the test cases using **JUnit** to test.
* Migrated development team from Subversion to **Git** version control while maintaining previous SVN history.
* Created several Exception classes to catch the error for a bug free environment and logged the whole process using log4j, which gives the ability to pinpoint the errors.
* Involved in communicating with offshore teams to resolve the applications production issues and to deliver the best quality application enhancements to the client.

**Environment: Java, JSP, Spring(MVC, ORM, IOC, JDBC), Spring Batch, Hibernate, Web Services, JDBC, JavaScript, HTML5, CSS3, JSON, REST, WebLogic, Jenkins, Maven, SVN, Eclipse 3.4, Log4j, Oracle 10g, Xml, Windows.**

**Education**

Bachelor of Engineering, Computer Science Engineering & Technology – JNTU-Hyderabad, India.