**Vikas Reddy**

**Email: reddy.vikas.kvr**@gmail.com **Mobile Number: +1 657-200-1293**

|  |
| --- |
| **PROFESSIONAL SUMMARY** |

* Around 8 years of full stack development experience in all phases of **Software Development Life Cycle (SDLC)** which includes Analysis, Design, Development, Implementation and Testing of **web based, enterprise business** applications using **the JAVA/J2EE** technologies
* Experience in developing Web Applications with various Open Source frameworks: **JSF 1.2, Spring Framework 2.0/3.0/4.0, Web Flow, Jakarta Struts Framework 1.1/1.2/2.0, Struts Validation and Tiles Frameworks.**
* Extensive knowledge on the **Spring Modules** like **Spring IOC** and **Dependency Injection, Spring MVC, Spring Batch, Spring Web Flow, Spring Security** (Authentication and Authorization), **Spring AOP** for **Code Modularity** and **Spring Boot**
* Developed and deployed **Micro Services** based applications using **Spring Boot** along with **Spring Rest** and **Node Js** with **Express** and **Hapi**.**js**
* **Spring boot** with **Hibernate** combination where it has a predefined MVC architecture which made me to run all batch jobs easily and quickly.
* Implemented exception handling in **Java** **Spring boot** for **REST API** by making use of **Exception Handler** and Controller Advice **annotations**.
* Well experienced on implementing **SOA** (**Service Oriented Architecture**) using **Spring REST** to create **REST** resources that include several components like **Jersey Framework, spring Boot, JAX-RS** and used **WADL** for documenting **REST API’S**.
* Worked on **SOAP** protocol using **JAX WS** and integrated **Apache CXF, AXIS-2 for WS-Remote Messaging, WS -Security, WS- Policy** and other specifications and automated documentation using **Swagger** and **WSDL**.
* Experienced in configuring and deploying applications on different servers such as **Apache Tomcat, Web logic, IBM WebSphere, JBoss**.
* Loaded and transformed large sets of structured, semi structured and unstructured data using **Hadoop**/**Big Data** concepts
* Experience in developing **Map** Reduce Programs using **Apache Hadoop** for analyzing the **big data** as per the requirement.
* Expertise to interact with **relational databases** using **ORM** frameworks like **Hibernate, Spring Data, JPA, IBatis, MyBatis, Java Persistence API (JPA),** **Hibernate’s** second levelcache **- Ehcache**.
* Exploring with the **Spark** for improving the performance and optimization of the existing **algorithms** in **Hadoop** using **Spark** Context, **Spark-SQL, Data Frame, Pair RDD's, Spark YARN.**
* Have good knowledge on different **databases** like **PostgreSQL, MySQL, DB2, Oracle 13c/11g, Microsoft SQL Server, NoSQL DB (Raven DB, Mongo DB and Cassandra, Couch DB, Redis,**
* **Dynamo DB)** and good experience in writing **stored procedures, functions** and **triggers** using **PL/SQL** in **JDBC, ODBC** and in **WebLogic server**
* Experience in writing **stored procedures, triggers, views and functions** using **PL/SQL** scripts and embedded **DDL** and **DML** statements in **PL/SQL** blocks
* Experience in Developing User Interface (UI) Rich Web Applications using Front End/User Interface (UI) Technologies like **HTML4/5, XHTML, DHTML, CSS2/3(using SASS and LESS), Type Script, Bootstrap** and **AJAX** by managing all facets and pipelines of application.
* Expertise in implementing the features of **ES6** like **arrows, modules, block scoping, promises and enhanced object literals,**
* Experienced in working with **MVVM** design flow using client-side **JavaScript** framework **Angular 2.x/4. X/5.0 with NGRX**
* Expertise in using **shadow DOM** which is a feature of **Angular 5** to encapsulate visual behavior.
* Good knowledge in providing support for passing messages between publishers and subscribers using **observables** as a part of **Angular 5**.
* Experience with features of **Angular 4** like **NgModules** which configure the injector and the compiler and help organize related things together.
* Proficient with **Angular JS, Backbone JS, Ember JS, Knockout JS, Ext JS** for customize front end app development and to achieve **MVC** design flow.
* Well experienced in view rendering using **jQuery, React JS, Handlebar JS** and implementing **React JS** with **Redux** and **Flux** patterns to attain **MVC** functionality.
* Well experienced in developing **Dynamic Single Page Application (SPA)** using **MEAN (MongoDB Express Angular Node)** full stack development tool Kit
* Good amount of hands on Experience in developing server-side **JavaScript** frameworks using **Node JS (Hapi JS, Express JS)** to build **event driven, non-blocking I/O model** web applications
* Experience in installing dependencies using Package Managers like **NPM, BOWER** and running automated task using **Gulp, Grunt** and **webpack** for **bundling, minification, loading images, configuration**
* Experience on UI testing with **Karma, Jasmine, Protractor** for **Angular JS** and **Mocha**, **Chai** for **React JS**
* Unit tested web services using **Junit, JMeter, Mockito Easy mock, SpringJunitRunner**, **Spock, Test NG** and hence achieved the goals of **Test Driven Development (TDD)**
* Well experienced in using various **AWS** (Amazon Web Services) **Iaas** (Infrastructure as a Service) Components like **EC2** for running applications on virtual machines, **S3** and **Glacier** for storing and long term back up of data, **EBS** for persistent block level storage, **Elastic Cache,**
* **Dynamo DB, SQS** for message queueing, **RDS** for setting relational database in cloud and **Lambda** for server less program functions
* Expertise in using **Microsoft Azure** which is cloud computing service for building, testing, deploying and managing applications and services through a global network of **Microsoft** managed data centers.
* Good Knowledge and Experience on implementing **Spring Cloud- Netflix OSS** Stack for micro Services deployment, **Zuul** for **API Gateway** for **routing**, **Hystix** (**Circuit Breaker**) for **latency** and fault tolerance and **Eureka** for service registration
* Experience in applying **JMS (Java Messaging Service)** for reliable information exchange across **Java** applications using **Apache Kafka, RabbitMQ, ActiveMQ** and **IBM MQ** to communicate from **Client** to **Server**
* Good knowledge of **Splunk** architecture and various components. Expert in **Splunk Development, Configuration** and **Administration** and used **Kibana** to view using **Elastic search (ELK)**
* Knowledge of **Elastic Search,** used for supporting distributed search by allowing start with one machine and extend further to other machines.
* Hands on experience in implementation of **PCF** (Pivotal Cloud Foundry) **Paas** (Platform as a Service) services such as **Pivotal Application Service, Pivotal Container Service** and **Pivotal Functional Service** to continuously deliver applications on to the cloud.
* Implemented security functionality **OAuth 2.0, Spring security, SSL and site minder (SSO)**, secure authentication with **LDAP OAuth2** for generating tokens in the application using **Spring Security, JWT** for producing **tokens**
* Well experienced with build tools like **Gradle, Maven** and **ANT.**
* Implemented **Docker container service**, build pipe line **Jenkins, Bamboo** and **GoCD (Go Continuous Delivery)** to achieve **Continuous Integration** and **Continuous Deployment** that can run on the cloud or on-premises
* Knowledge on various **Docker** components like **Docker Engine, Hub, Machine,** Compose and **Docker Registry.**
* Hands on experience in managing this **Docker Container** using **Kubernetes** with zero downtime deployment.
* Used **Kubernetes Linux container** for deploying and scaling containerized applications.
* Good practical experience with **Java-based** logging utility i.e. **log4J** and **slf4j**
* Good knowledge on **Drools Rule Engines** which corresponds to validating **BRMS** (Business Rules Management System)
* Experience in **Java Thread** Dump Analysis and familiar with **thread** dump techniques
* Have knowledge on Application monitoring tools like **New Relic** and **Dyna Trace**
* Strong Knowledge on automated java-based integration testing and behavioral testing of the applications using **Selenium** and **Cucumber** respectively
* Good experience in using Software development methodologies like **Agile (Scrum), Water Fall** and **Rational Application Development** methodologies.
* Experience in using **Mule soft** which is light weight **Java** based **Enterprise Service Bus (ESB)** which allows connecting applications together quickly and easily, enabling them to exchange data.
* Experience in using open source framework **Apache Camel** which for message-oriented middleware with a rule-based routing and mediation engine that provides a **Java object**-based implementation of the **Enterprise Integration Patterns (EIP)** using an application programming interface to configure **routing** and **mediation rules**.
* Expertise in working with **JAVA8** features like **Functional Interfaces, Stream API, Time API, Transaction Management, Exception Handling, Collection API, Lambda Expressions**.

|  |
| --- |
| **Technical Skills:** |

|  |  |
| --- | --- |
| **Web Development** | HTML5, SASS, CSS3, JavaScript, PHP, JSON, JQUERY, J2EE design pattern AJAX, XML, SOAP, REST, WADL, WSDL, JAXP, JAXB, JAX-RS, JAX-WS, S5, ES6 |
| **Databases** | MySQL, ORACLE, Mongo DB, DB2, MS SQL, SQL Server, RDBMS, Cassandra, Couch DB, Graph DB, Amazon DynamoDB. |
| **Programming Languages** | C, C++, CORE JAVA, J2EE (SERVLETS, JSP, JDBC, JAVA BEANS, JSF, JNDI, EJB), Data Structures, SQL. |
| **Operating System** | Windows, Linux, Unix, MS-DOS |
| **Software Tools &**  **Testing Tools** | BUILD (Ant, Bamboo, GoCD, Gradle, Grunt, Gulp, Jenkins, Maven, Maven 2, Bower)  LOGGING (Log4j, Slf4j, Commons Logging)  VERSION CONTROL (Git, SVN, Clear Case, Surround)  TESTING (Protractor, Jasmine along with Karma, Mockito, Mocha, Selenium, Spring JUnit 4) |
| **IDEs worked on** | Eclipse, Sublime Text, Net Beans, IBM RAD, Visual studio, STS, BEA Web Logic Workshop |
| **Frameworks** | AngularJS, NodeJS, BackboneJS, D3, Struts, JSF, Spring MVC, Hibernate, iBatis, JPA, JDBC |
| **Application Servers** | Apache Tomcat Server, BEA Web Logic, IBM Web Sphere, JBOSS, Oracle Web Logic |

|  |
| --- |
| **Education:** |

* Bachelor of Technologyin Electronics and Communication Engineering, JNTUH, India.

|  |
| --- |
| **Experience:** |

**United Airlines, Chicago, IL SEPT 2018- TILL DATE**

**ROLE: Full Stack Developer**

**Description:** United airlines is a major united states airline with its headquarters at Chicago, IL. The airline operates over 5, 400 flights daily. Worked on whole Life cycle process of Software Development, from the creation of Software Development Request (SDR) to Deployment, which covers creation of design documents as well. Worked in a team where some critical development requirements were handled without any additional support and met Qualitative delivery.

**Responsibilities:**

* The back-end use of **Node JS, Express JS, MongoDB** and **Mongoose**, the complete **MERN** Stack to provide **RESTful API**.
* Worked closely with internal clients to define business objectives, project scope, solution space and design/development approach for various research applications.
* Utilized Modernizer extensively to build **HTML5/CSS3** based page layouts that are cross-browser compatible and standards-compliant.
* Implemented client side Interface using **React JS**.
* Build user interfaces differently by breaking them into components using **React JS** and used a real, full featured programming language to render views, with **React JS**.
* Worked on responsive design and developed a single **ISOMORPHIC** responsive website that could be served to desktop, Tablets and mobile users using **React JS**.
* Implemented application testability and diagnostics and fixing bugs with the help of **REDUX(Reducers)** architecture.
* Responsible for implementing UI mockups, integrating third party react libraries, and handling/creating **Redux** store data.
* Developed **React/Redux** code using functional programming best practices to enable efficient pure function testing.
* Experienced in working with **Redux and Alt JS** architecture.
* Utilized create-react-app to launch product to stay update with the most current **webpack** and **babel** build configurations.
* Handled **Http Requests using Axios** which supports Promise API functionality native to JS **ES6**.
* Extensively Used **Jenkins** as Continuous Integration tools to deploy the **Spring Boot** Microservices to **Pivotal Cloud Foundry (PCF)** using build pack.
* Used **Pivotal Cloud Foundry** to quickly build, deploy and update the applications.
* Used **JWT** (JSON web tokens) mechanism for authentication and authorization security configurations using **Node JS**.
* Used **Node JS** for the communication to the server through **Restful API** and added user validations & permissions by using it.
* Debugged the website using **Chrome Developer's tools** and hardcoded the **API** into script for getting the information about merchants using **Node Js.**
* Created and consumed **RESTful API** using **Expres.js** to provide centralized logic and reusable data retrieval build on top of **Node.js**
* Involved in multi-tiered **J2EE** design utilizing Spring Inversion of Control (**IOC**) architecture and **Spring JPA**.
* Involved in using **Spring Data JPA** (Java Persistence API) framework and **JPA** Specification criteria builder to work with dynamic queries in java.
* Worked on writing **SQL** queries for **PostgreSQL** databases to build PL/SQL functions, store procedure, triggers, views and materialized views.
* Utilized **AWS S3** for images uploading and **imageMagick** for resizing for scalable performance
* Performed unit testing with **Mocha and Chai JavaScript** test framework.
* Developed Unit test scripts using **Junit** and **Spock**. Implemented logging using **Log4j**.
* Designed and developed independent **Microservices** using **Spring Boot** Rest Controller model and are deployed on **UNIX** boxes.
* Employed **Spring Boot** for initialize and bootstrapping the build configuration for the boot based web applications.
* Development of cloud hosted web applications and **REST APIs** using **Spring Boot** with embedded **Tomcat**.
* Extensively used **Mocha and Chai** JavaScript unit testing tools for testing **JavaScript** pages.
* Worked with **Babel** and **Webpack** in application build and deployment processes.
* Implemented testing with **Junit Framework** using **Mockito,** **Spring Junit Runner**, **JMeter, PowerMock** and **MockMVC**.
* Created plug ins for an in-house data ingestion framework to extract data from multiple sources like **Apache Kafka**, Database, file systems and Messaging Queues.
* Able to create and manage External Lookups in **Splunk** to match event data with description.
* Configure and Install **Splunk** Enterprise and **Apache** Server for user and role authentication and **SSO.**
* Created micro service plugin for service worker to read in info via **RabbitMQ** message bus to create and send SNS messages to **AWS SNS** topic
* Implemented **Spring Cloud-Netflix OSS** Stack along with using Ribbon for client-side load balancing, **Netflix Zuul API** Gateway with **Eureka** service registry for reverse proxy infrastructure and **Hystrix** **Circuit** Breaker for fault tolerance.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using **Apache Kafka**.
* Deployed and monitored scalable infrastructure on Amazon web services specifically on **AWS EC2**.
* Used Cloud formation and launch configurations to automate repeatable provisioning of **AWS** resources for applications.

**Environment**: **React, Babel, Redux, Axios, Nodejs, Webpack, Pivotal cloud foundry**, **Jenkins, Docker, Mongoose, MongoDB, Chai, Mocha, Spring boot, Rabbit MQ, Hibernate, Apache kafka**, **AWS.**

**Role- Full Stack Developer SEPT 2017 – AUG 2018**

**Cerner Corporation, Kansas City, MO.**

**Description:** Cerner corporation is an American supplier of Health information technology solutions, services, devices and hardware. Cerner’s world headquarters campus is at north Kansas City, MISSOURI. My role is to analyze and modify all J2EEapplications and prepare required documents.

**Responsibilities:**

* Coordinated with project managers, business analyze new proposed ideas Requirements, designed the integrated tool, developed and implemented all the modules.
* Developed User Interface using **React JS**, **HTML5, CSS/CSS3(SAAS)**, **Bootstrap 4.0, Redux, MongoDB.**
* Responsible to style, look and feel of the web page with **LESS** that extends **CSS** with dynamic behavior such as variable, mixing, operations and functions.
* Implemented various screens for the front end using **React**.**js** and used various predefined components from **NPM** and **Redux** library.
* Worked in using **React**.**js** **Router**, **Forms**, **Animations**, **Keys**, **components**, **Events** and **Flux** concept.
* Responsible for **React** **UI** and architecture. Including **Tree**, Building components **library**, **Table** **Grid** and Slide-View.
* Implemented stable **React** components and stand-alone functions to be added to any future pages.
* Developed a dashboard based on Ajax calls with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using **Node**.**js.**
* Used **Express**.**js** which is assertive, fast, essential and moderate web framework of **Node**.**js** that helps manage a server and routes.
* Post-processors, transpires, tests etc. based on build target.
* Developed **REST API** services using **Node JS, Express JS, Body-Parse** and other node modules to serve the web application with JSON data.
* Developed readable and writable streams of **Node JS** to process the data from external means of the application.
* Added Excel-Building to download the Tabular data in Excel Format using **React**.
* Created a pipeline from **Mongo DB** cluster by configuring **Mongoose Connector**, to sync with multiple sources like **Elastic Search** or another **Mongo DB.**
* Used Pivotal Cloud Foundry, the connection/service binding details are injected from the deployed cloud platform itself.
* Used a **microservice** architecture, designed and developed RESTful web services using Apache CXF and Spring Boot framework.
* Installed a single node Elasticsearch "**cluster**" to index **MongoDB** for use in a NodeJS, Express on a native **AWS EC2** **Ubuntu** **14.04** instances.
* Worked with build tools like **Bower**, **NPM** and **Grunt**.
* Maintaining and troubleshooting **Cassandra** Clusters this includes monitoring and performing troubleshooting as per requirements.
* Designed, developed and maintained **PostgreSQL** Data base architecture.
* Used build tools to bundle the application through **webpack** and used **Gulp** for task automation of minification of Angular scripts.
* Designed, built and deployed application using the **AWS stack (Including EC2, Mongo DB, Docker, Kubernetes Orchestration container(EKS))** focusing on high-availability, fault tolerance and auto-scaling**.**
* Deploying the applications using **Docker container** services and building **continuous integration(CI)** and **continuous deployment(CD)** pipeline using **Jenkins** with **GitHub.**
* Implemented **Kibana** for centralized logging and monitoring that builds on **Elasticsearch** of the application data for analytics and visualization of the user's login.
* Employed the **Single Sign On (SSO) authentication using Site Minder** for logging to the application from different websites.
* Developed unit test scripts using **Karma** and **Jasmine** for **Angular 2** framework and **Mocha** for **Node JS** API end points.

**Environment:** HTML5, CSS3, Express JS, JavaScript, React JS, Redux, Node JS, Bootstrap, REST API, Load Balancer, Mongoose Connector, Mongo DB, REST administrations, Cassandra, Docker, Mocha, Jasmine, Karma, Gulp, SSO Authentication, Web Pack, Kubernetes, Maven and Jenkins. GIT, Jenkins, AWS Services, Elastic Cloud Compute(EC2).

**California Bank& Trust, CA SEP 2015 - AUG 2017**

**Role: Java Developer/UI Developer**

**Description:** National Bank & Trust Company is one of the secured financial institutions that serves huge domain of customers. Auto Billing System is a web application built on Spring MVC framework. The scope of the project involves the design and development of a Web based application to provide online billing services. The application provides various functionalities such as creation of account, payment of bills, enroll in automatic recurring bill payment and Review Payments.

**Responsibilities**:

* Developed and designed User Interface using **JavaScript, HTML, CSS, DOM, XHTML, AJAX, Bootstrap, Less, AngularJS**.
* Created and enhanced websites for clients to increase online presence and sales by using some of the latest technologies, including **JavaScript, CSS3, HTML, JQuery UI,** handlebars.
* Wrote application level code to perform client-side validation using **jQuery and JavaScript**.
* Used Angular two-way binding and Implemented the search functionality for Internal Application using **Angular JS**.
* Extensively used $**http** service to make **AJAX** calls and consume **JSON** response across numerous services.
* Involved in implementing the complete Application in the in-build **SOA Architecture** with **Angular.js**.
* Created a demo website running on a **Node.js**, using the **Express framework, Jade, Angular.js for front end MVC/templating**.
* Configured **Express JS** node http framework to set up middle-wares to respond to **HTTP** requests and used its front-end tooling like web packs, starter packs, **boiler plates** efficiently.
* Involved in Enhancement of existing application utilizing **Angular JS**, created HTML navigation menu that is role based wherein menu items changes dynamically based on the values derived from the database in the form of **XML**.
* Involved in the migration of YUI screens to intuitive **EmberJS** screens.
* Worked with Core Java concepts like **Collections Framework**, **multithreading, Memory management**.
* Used **multithreading** in programming to improve overall performance using Singleton design pattern in Hibernate Utility class
* Implemented **REST** web service calls using **JSON, JAXRS** formats provided to be integrated on the front end
* Created both xml and java configuration files for setting up **Apache CXF** as **JAX-RS** runtime, **Spring Data** and **Spring JDBC template** technologies.
* Used **Spring ORM** module to integrate with **Hibernate**.
* Used **ORM** tool **Hibernate** along with spring framework to deal with database operations.
* Involved in development of **POJO** classes and writing **Hibernate query language (HQL)** queries.
* Implemented logging using **log4j** and **Spring AOP**.
* Implemented various cross-project functionalities using **Spring AOP**.
* Used **Spring JTA** Transaction manager to remove the dependencies on the container.
* Implemented business layer of the application using **Spring AOP, Spring IOC**.
* Implemented the mechanism of logging and debugging with **Log4j** and **JIRA**. Involved in Unit testing of the application using **Junit**.
* Integrated **Spring with Hibernate** for data access from **Oracle** Database.
* Creating and maintaining database links between different **Oracle** databases.
* Used **Hibernate** mappings, relationships between tables and entity classes to access and update information in the database.
* **Hibernate Query Language** (HQL) was used to perform various queries in the database.
* Involved in bug fixing during the System testing, Joint System testing and User acceptance testing. Deploying the applications and binding third party services like App Dynamics on **Pivotal Cloud Foundry (PCF).**
* Used **Pivotal Cloud Foundry** to quickly build, deploy and update the applications.
* Implemented **Hibernate** Second level of **caching**using **Ehcache** provider to get caching across **session factory**.
* Involved in Application Development using various Web/Application Servers like **Apache Tomcat Server, IBM WebSphere.**
* Implemented code for **marshall** and **unmarshall** technique using **JAXB** to parse **XML** to string object and vice versa
* Documented the **REST** **API's** using **Swagger** API for briefing the services involved in the application.
* Implemented the function to send and receive **AMQP** messages on **RabbitMQ** synchronously and asynchronously, and send **JMS message** on the edge device
* Developed test driven development code using **JUnit and Mockito** framework.
* Used **Karma** Test runner and **Jasmine** Testing frameworks.
* Primarily responsible for designing and implementing the application process flow with **MuleSoft** using Anypoint Studio and POST production support for all the API's.

**Liberty Mutual, Boston, MA NOV 2014- SEP 2015**

**ROLE: Full Stack Developer**

**Description:** ​​​​​​​​​​​​​​​​​​​​​Liberty Mutual Insurance helps people preserve and protect what they earn, build, own, and cherish. Keeping this promise means we are there when our customers need us most. This application enables clients to access, review and update Insurance coverages like auto, health and life online. The website functionality was extended by providing the customers to login using their policy number and perform online transactions like paying bills online and updating their insurance policy. Customer Care website was redesigned to provide customized information for the end users.

**Responsibilities**:

* Designing the front end using **Backbone JS, JQuery, CSS, HTML, JSP, Oracle** as per the requirements that are provided.
* Used **JQuery** for creating different menus and dialog boxes and used different **jQuery** plugins for calendar, calculator, and printing options.
* Defined and developed the application's presentation layer using **HTML, CSS, and jQuery Scripting**.
* Deep understanding of **JavaScript** and the **JQuery** library.
* Expertise in developing Web pages using **jQuery** plug-ins for Drag and Drop, AutoComplete, **Bootstrap, and JavaScript**.
* Integrate the dynamic pages with **jQuery** to make pages dynamic.
* Developed **SOAP** and **REST** web services using **hibernate, JAX-WS, JAX-RS and JAXB**.
* Solid experience integrating Spring **Hibernate** **ORM** and **JPA** (**HQL**, **XML**, Criteria API, Native SQL, Reverse Engineering, **Hibernate MVC**, Hibernate Dao Support, Persistent Data, Component Mapping, Associations, Annotations and **Connection Pool** (**Apache DBCP**))
* Systems infrastructure and architecture design, setup and administration on **IBM WebSphere**.
* Experienced with web & application servers such as **IBM Web sphere, and JBOSS**.
* Worked on debugging of **DROOLS** rules framework for business logic.
* Configured the front end of the application using **JSF framework**.
* Developed the enterprise application by integrating **JSF/Spring/Hibernate Frameworks**.
* Developed **JSP** pages as views in the application built in **MVC** Pattern.
* Wrote custom **JSP** tag encapsulating all **boilerplate** code and customizations
* Involved in developing the application, which are developed using **Hibernate** frame work, **Prime faces**, **RESTful** web services.
* Developer data replication mechanism using **Spring Batch** to replicate bulk data from csv file to application database.
* Used **Spring Batch** to develop batch processing to handle bulk requests from the clients.
* Used **Message-driven batch** application using Spring Batch to handle multiple requests accessed through Message Queue services between several micro services in the application.
* Used **JSF Transaction Management, Spring Batch Transactions and Hibernate** cache concepts.
* Developed components of web services **JAX-WS** end to end, using different **JAX-WS** standards with clear understanding on **WSDL** (type, message, port Type, bindings, and service).
* Designed and Implemented **SOAP** web services using **JAX-WS** for the different operations provided in the User Interface.
* Developed **DAO** to handle queries using **JPA-hibernate** and Transfer objects.
* Implement Data access layer with Hibernate. Implemented the **Hibernate framework (ORM)** to interact with database.
* Developed back-end **PL/SQL packages, UNIX shell scripts** for data migration and batch processing.
* Created and customized **UNIX** shell scripts for automating regular maintenance and batch jobs.
* Analyze and fix issues related to **SOAP Web services** and Application responses.
* Involved in producing & consuming SOAP based web services using **SOAP, JAX-WS**.
* Developed **SOAP** web services using **hibernate, JAX-WS**.
* Taken care of complete Java **multi-threading** part in back end components.
* Implemented core java **Multithreading**, Collections, **Exception Handling**, and **OOP's** concepts.
* Involved in coding, building java applications using **Core java**, **Multithreading**, JSP, and servlet
* Implemented **SOAP** Web Services using **JAX-WS**, for providing end points to upstream clients.
* Solid Understanding of **RDBMS** concepts and experience in working with Oracle.
* Used **Hibernate for Object Relational Mapping** of the database structure created in **Oracle**.
* Expertise in coding optimized **SQL queries** on databases like **Oracle**. Good understanding on Functions and Stored Procedures.

**Environment**: **Backbone JS,** **JSF, JQuery, CSS, HTML, JSP, Oracle, JSON, JSF, Spring, Hibernate, Spring Batch, JAX-WS, SOAP web services, REST, JPA, Shell Scripting, JBoss, DROOLS, IBM WebSphere.**

**Client: Cloud Digital Media, Hyderabad, India NOV 2012 - AUG 2014**

**Role: Java Developer**

**Description:** This Project aims to help the employees of Cloud Digital Media to refer candidates for open positions in the organization. Through this application admin can post new referral schemes for open positions in the organization and accordingly the employees can refer candidates and can get the benefit of cash rewards or gifts that are available under a referral scheme. This project also has various reports, which helps the admin to do a detailed analysis as per his criteria.

**Responsibilities:**

* Implemented **Model View Controller (MVC-2) Architecture** using **Jakarta Struts framework** at presentation tier.
* Used **Struts frameworks** and **MVC** design patterns to complete several projects with primarily focused on more complex areas of development including user interface design, batch processing, stored procedure development, **XML**, data exchange and integration.
* Validated all forms using **Struts** validation framework.
* Extensive use of **Struts Framework** for Controller components and view components.
* Implemented **Spring IOC** for inter connection between modules in our application.
* Created customized **spring batch** framework to run multiple processes step by step.
* Implemented connection pooling framework to process claims concurrently with multiple threads using **spring batch** with different split conditions based on volume of claims.
* Developed automated build files using **Maven**.
* Created Data Access Objects to fetch data from database with **SQL queries** integrate them with **IBatis**.
* Developed **shell scripts** used to monitor production applications, start and stop custom Java applications in **Linux** environment
* Implemented batch processes for reporting applications and modules using **Korn** shell scripts on **Oracle** database.
* Developed various helper classes which needed following core Java **multithreaded** programming and **collection** classes.
* Categorized salient level rule to every business rules base on the business needs. Use **DROOLS** as rules engine.
* Extensively used **Junit & log4j** for unit testing and logging.
* Designed and coded application components in an **agile** environment.

**Environment: Struts Framework, Spring IOC, Spring Batch, Maven, Spring MVC, iBatis, SQL, Linux, Drools, Multithreading, Log4j.**

**Client: ICrea Infotech, Hyderabad, India OCT 2010 - SEP 2012**

**Role: Associate Software Engineer**

**Description:** This is a comprehensive and integrated Hospital Management System for a Super Specialty Hospital. This package is used to computerize the activities of a servicing system. This package contains four modules. They are Administration, Patient Care System, Health Services, and Auxiliary Services. Each module is having sub modules with in this sub modules will maintain storing, registering, details of joining patient details, and over all day activities maintains one database.

**Responsibilities:**

* Developed the application using **Java, J2EE, Structs, JDBC**.
* Development, resolving the issues/bugs, Code suggestions, Technical Issues and was involved in writing **Stored Procedures, Triggers and Cursors**.
* Created tables, views, Types, **complex join queries** and functions and modifications to existing database structure as required for addition of new features.
* Involved in Designing the **Database Schema** and writing the complex **SQL queries**.
* Used **Hibernate** as the DAO layer to access the database.
* Worked with **Structs framework** to design the MVC model for the application.
* Worked on **SOAP** based Client and Server Web services.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Worked on the **Java Collections** API for handling the data objects between the business layers and the front end.
* Worked with **JAXB, SAXP and XML** Schema for exporting data into XML format and importing data from XML format to database and JAXB in the web service’s request data **marshalling** as well as **unmarshaling** process.
* Used **Java Messaging Services(JMS)** for reliable and asynchronous exchange of important information.
* Developed Unit test cases using **JUnit**.
* Deployed application on Client **Linux server**.
* Used **ANT** built tool for compiling and generating war file.
* Developed web services for sending and getting data from different applications.
* Used **JDBC** to access **Oracle** database for accessing the information.
* Used **Junit** test cases for **regression testing** and integrated with **ANT** build.
* Used **Log4j** to capture the log that includes runtime exceptions.
* Worked closely with system analyst to understand the technical requirements of the project.
* Created the design documents with use case diagram, class diagrams and sequence diagrams using **Rational Rose**.

**Environment**: **Java, J2EE, Struct, JDBC, Hibernate, JAXB, SAXP, XML, Collections, Multithreading, SQL, JMS, Junit, ANT, Log4j, Rational Rose.**