# **Kiran Kumar**

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**Professional Summary:**

* Over 8 years of strong experience in the IT industry with diversified exposure in design, development and deployment of web-based and client-server business applications using- **Oop, Java/J2EE Technologies.**
* Experienced in SDLC with Analysis, Design, Development, Integration and Implementation.
* Worked in **Agile/SCRUM** and **Waterfall** development methodologies with Scrum Master experience
* Worked on **Java** and **J2EE** technologies including **JSP, JDBC, JPA** and **JMS.**
* Worked on **HTML, XHTML, XML, CSS3, Angular, Node.js, JavaScript, jQuery, JSP and Servlets**.
* Experienced in **NGINX** which has been used for server-side load balancing.
* Worked extensively in developing web applications using **Java, Servlets, JSP, JDBC, JNDI** and **AJAX.**
* Experienced in **MVC (**Model View Controller) architecture with **Magento**, **Angular JS** and **spring.**
* Expertise in the implementation of Core concepts of **JAVA, J2EE Technologies**, **JSP, Servlets**, **JSTL**, **EJB** transaction implementation (CMP, BMP, Message-Driven Beans), **JMS**, **Struts, Spring, Swing, Hibernate, Java Beans, Jdbc, Xml, Web Services, Jndi, Garbage collections, Multi-Threading, Collections and Generics.**
* Used popular **Node.js** frameworks like Restify to mock a **Restful API**.
* Implement modules into **Node.js** to integrate with designs and requirements.
* Implemented **Multi-Threading** to achieve consistent concurrency in the application.
* Used Executors interface to achieve **Multi-Threading** functionalities in the application.
* Strong expertise inusing**AngularJS directives** and **filters** to make **SPA’s** better in functionality.
* Extensively worked on custom **AngularJS directives**, **tags** and integrated with **spring forms**.
* Used **multithreading** to improve performance in generating the reports in Java.
* Installations and administration of FileNet P8 and FileNet Panagon Products.
* Experienced with UI frameworks such as **AJAX, JavaScript, ReactJS, BackboneJS** and **Angular JS.**
* Experienced in web/Application servers like **Web Logic 10.0,JBoss 7.1.0, WebSphere 8** and **Tomcat 8**.
* Experienced with **SOAP/RESTful** web services and used to scale the applications for better **BOA.**
* Worked on **Service OrientedArchitecture (SOA)** such as Apache Axis web services which use **SOAP**, **REST**, and **WSDL**. Exposure to **JAXB, JAX-RPC, JAX-RS & JAX-WS.**
* Expertise in design and development of enterprise level spring based web applications using **Spring REST,Hibernate, EJB, Struts, Servlets 3.x**, **JSP** and **JSF** for **User Interface Applications**.
* Expertise in with **Spring AOP, Security, Event Handling, Spring MVC, Spring IOC Container.**
* Technically sound in understanding and implementation of Spring **Micro services** and their patterns.
* Extensive hands-on on designing **Micro service** applications with **fail safe** methodology using **Circuit Breaker pattern** with **Hystrix/Dashboard** and load balancing using **Spring Ribbon**.
* Experienced in developing UNIX shell scripts for batch processing, **Perl** and **Python** scripts.
* Experience with various development methodologies such as **RUP, Waterfall, TDD, Agile** and **Scrum**.
* Expertise with employment of **Spring Kafka** and **Zookeeper** apart from **JMS** as messagingservice.
* Proficiency in developing/maintaining using **Oracle, MySQL** and **SQL Server (2008R2, 2012, 2014)**.
* Proficient in **SQL, PL/SQL, Stored Procedures** and **Triggers** while dealing with automation on **DB.**
* Experienced with **NoSQL** databases like **MongoDB, Couch DB** and **Cassandra** on large data platforms.
* Also worked on creation of **Docker** images, Containers, push/pull and on integration with **Spring Boot**.
* Hands on experience with **Netflix** cloud and fall back technologies like **Eureka, Hystrix** and **Ribbon**.
* Experience using secure authentication mechanisms like **LDAP, SASL** and **Kerberos v4**.
* Experience in develop and configure monitoring solutions to provide full visibility to the different platform components using tools and services like **AWS** (Amazon Web Services) **Cloudwatch, Splunk**.
* Experience using **Amazon Web Services** such as **EC2, EBS, S3, RDS, SNS** and **SQS.**
* Extensive working with **Amazon web Services** like using **Elastic Beanstalk**, **EC2** and **AMI** with **Linux**.
* Strongly associated with usage of **Selenium, Jenkins, Junit** and **Curl** for **Unit** and **System Testing**.
* Experience with the Integrated Development Environments like **Ecli pse, NetBeans, JBuilder** and **IntelliJ**
* Experienced with **CICD** - **ANT/MAVEN/GRADLE/JENKINS/HUDSON/CVS/GIT/GITHUB.**

**TECHNICAL SKILLS:**

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| **Languages** | **Java 1.8, J2EE, Scala 2.12.1, Python 3.6.0** |
| **Web Technologies** | **SERVLETS 3.1 , JSP 3.0, JavaBeans 3.0, Java Servlet API 3.0** |
| **Frameworks** | **Spring 4.3, Hibernate 4.3, Angular JS 1.0/1.5, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM WebSphere 8.0, Jetty 9.4, Jenkins 2.50, WebSphere MQ 7.5** |
| **Databases** | **Oracle 10g/11g/12C, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1** |
| **Internet Technologies** | **HTML 5, JavaScript 1.8, XML 2.0, CSS 3 and CSS 4, jQuery 2.11, Angular JS 2.0, BackBone.JS 1.3.1.** |
| **Cloud Environments** | **Azure, AWS, Netflix Eureka, Mesos, Kubernetes.** |
| **IDE** | **Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3** |
| **Operating system** | **Windows 10, Linux Mint 18.1, Unix** |
| **Bug tracking Tools** | **JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36** |
| **Reporting Tools** | **Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0** |
| **Methodologies** | **Agile, waterfall , TDD (Test-Driven-Development), Scrum** |
| **Developer IDE Platforms** | **Eclipse, Edit plus, Notepad ++,TEXT PAD, JBuilder, Net Beans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3, GITHUB 2.12.0** |
| **Build Tools** | **Ant 1.10, Maven 3.3.9, Gradle 3.4.1** |
| **Web Services** | **SOAP 1.2, REST 2.0** |

**PROJECTS UNDERTAKEN:**

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| **Client** | **DTCC-Tampa, FL** |
| **Role** | **Sr. Java Full Stack Developer** |
| **Period** | **Mar 2016 – Present** |
| **Description** | **The Depository Trust & Clearing Corporation** (**DTCC**) is an American post-trade financial services company providing clearing and settlement services to the financial markets. It performs the exchange of securities on behalf of buyers and sellers and functions as a central securities depository by providing central custody of securities. |

**Roles and Responsibilities:**

* Worked on various project methodologies like **Agile Software Development**, **Testing** and **Scrum**.
* Presently working on enhancements code and supporting the user’s applications to process it.
* Extensively used **Angular JSdirectives, filters, services, bootstrap**to support Desktop and mobile versions.
* Created custom Angular JS directives to implement some of the specific functionalities.
* Implemented **REST** based web services using **JAX-RS** annotations, Jersey provider and consumed using **HTTP** services from **angular JS** modules.
* Created **Technical Design Documents (TDD)** for the screens which we have developed.
* Used **JQuery/JQLite** to create drop downs, status, progress and menu bar and other drag and drop components.
* Developed Application to asses JSON and XMl from Restful web service from consumer side using Angular JS.
* Effective use of **data structures** and **algorithms** to solve problems, reducing time complexity and memory usage.
* Developed Business components using Java Objects, Core Java, **Multithreading**, **Servlets**, and **JSP**.
* Experience in developing views and templates with **Python** and Django’s view controller and templating language to create a user-friendly website interface.
* Worked on business logic and calculations, performs analysis, handles data transfers, and generates XSL for presentation layer and **SQL** commands for **database** layer.
* Experience in developing views and templates with **Python** and Django’s view controller and templating language to create a user-friendly website interface.
* Developed batch programs to update and modify metadata of large number of documents in FileNet Repository using CE APIs.
* Extensively implemented **Multithreading** concept in order to handle Transaction Management with isolation and propagation levels. Thread handling was used to maintain continuity of execution.
* Created and injected **spring** services, controllers and DAOs to achieve **dependency injection**.
* Heavily used **Spring Inheritance, Auto-wiring, Core Container, Security, AOP, ORM modules as part of migration from EJB to spring,Spring Quartz** for scheduling tasks to generate reports and emails to clients.
* Implemented **SOA** to develop **Spring Restful/Micro Services and implemented Spring Eureka, Netflix, Ribbon as part of Services Discovery** usin**g Apache Axis**.
* Used Micro **service** architecture with**SpringBoot**based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Used **SOAP UI, Postman, Rest Client, Spring Mock MVC, Spring 4Junit** for testing the web services.
* Experienced in implementing **Micro services**, **Service Oriented Architecture (SOA)** with **XML** based Web Services (**SOAP/UDDI/WSDL**) using Top Down and Bottom Up approach.
* Experience in creating **RESTful**web services using **Jersey, spring** framework and **JAX-RS**.
* **Java Beans** are used as container of business logic and supporting the services or applications.
* Used wide implementation procedures in order to disintegrate whole monolithic application into loosely coupled reusable **Micro services**. This laid foundation for the simplicity in updating versions of existing technologies without hassle of deploying entire modules.
* Employed **fail safe** and **circuit breaker patterns** for the first time in Client’s email applications using **Hystrix** and **Hystrix Dashboard** in **spring boot** Micro service Applications.
* Good knowledge with cloud services like **Spring Eureka, Cloud Foundry and Aws** etc.
* Extensively used **Hibernate Relational mappings (One-To-Many, Many-To-Many)** in the secondary project.
* Extensively worked on **Hibernate Cache, Query, Criteria and Transactions** in secondary project.
* Developed search functionality by **NamedQueries, Projections, Restrictions** using Hibernate 4.3 API
* Worked on creation of custom **Docker** container images, tagging, pushing images, integration of**Spring boot**.
* Created the **Docker** containers and **Docker** consoles for managing the application life cycle.
* Used **DROOLS** engine as java runtime rule engine to validate business rule before executing in runtime.
* Developed the Web Services Client using **REST, RSDL** description to verify the history of the new customer.
* Worked on **XML** parsers (**JAXB**) for data retrieval and **JAXB** parser for marshalling and unmarshaling.
* Writing SQL Queries to get the information from **Oracle DB**, Saving, modifying, and removing the data from the DB. Used joins to get the data from more DB Tables. Views and Unions were also part of our implementation.
* Used **CURL** to move data from or to a server using available http and https protocols.
* Used DB components like **Data Access Objects**, **Collections**, and **Value Objects.**
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **SVN, Jenkins, and Jenkins Jobs.**
* Worked on **Pivotal Cloud Foundry** to host **Cloud based Applications**.
* Experience in re-architecting monolithic architecture service into **micro services** based architecture using spring boot and **pivotal cloud foundry**.
* **GIT** is used for the version control **Maven** is used for build script and configured **log4j, .log** files.
* Used **AWS** cloud services and deployed couple of applications on **Elastic Bean Stalk** and **EC2** Instances as part of service transition phase, but later on chose to deploy them on Eureka.
* Aware of troubleshooting issues on **AWS**, **Netflix Eureka** and other developer IDE and Cloud environments.
* Using **JUnit** test in Eclipse, developed Unit test cases and test suite**. Curl** was also implemented to test.
* Used **Jenkins** as the integration tool and improved **scalability** of applications on **cross-platforms**.
* Involved in **System Testing, Integration Testing, and Production Testing** on **WebLogic** Server.

**Environment: Java/JDK 1.8, J2EE, Log4j, Web Services, Hystrix, Hystrix Dashboard, Spring Kafka, AWS, Netflix Eureka, Netflix Ribbon, Hibernate 4.3, TDD, REST 1.3.0.0, RESTful, Windows SFTP/SCP client (Winscp382), Eclipse, MAVEN build tool, Junit, Jenkins Continuous integration tool, WebLogic Application Server 10.1, Oracle 11g, 12C, Linux OS, Agile Methodology, Curl, GIT, PL/SQL, Docker, Filenet, Hateoas, Curl, Pivotal Cloud Foundry.**

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| **Client** | **BNSF Railway - Fort Worth, TX** |
| **Role** | **SR JAVA/J2EE Developer** |
| **Period** | **March2015 - Feb 2016** |
| **Description** | This application provides many of the DPR (Daily Performance Report) measures in multiple modules and different display types viewable at one time. It provides timely and accurate information to facilitate locomotive, car, train performance, coal loadings strategic planning and analysis. The summarized and detail reports for each of the measures according to geography are built using EXT JS components and Java. |

**Roles and Responsibilities:**

* Responsible for all stages of design, development, and deployment of applications. Active role in **Test Driven Development** termed as **TDD** apart from Agile Software Development.
* Scalability and performance had been the keen concept and we had to modify existing applicationto**Scala.**
* Complex features like **Tuples, Functions** and **Macros** were implemented using **Scala** for better performance. Also **stability** of the application was achieved with advent of **Scala** programming.
* Worked with the business experts to understand existing business processes and determined a shared approach that would serve their business needs using the new packaged application.
* Documented requirements for necessary customizations and employment of **IBM FileNet**.
* Designed, analysed and developed the **front-end** and **back-end Servlets, Bootstrap** for designing**, HTML5, CSS3, Angular JS and** Used **Angular JS** filters for searching, sorting, and pagination and used custom filters.
* Used **JSP** to dynamically generate web pages based on **HTML** and **XML** Document types.
* Use **JSF (Java Server Faces)** to implnt component based User Interface Applications.
* **JSON** due to its light-weight nature was used as the main data-interchange format in place of **XML.**
* Worked on **Core Java** and its libraries in creating the **Java**web application's business Logic.
* Used JSP to create the front end. Used various third parties to validate the data entered by the User.
* Also used **JavaScrip**t for client side validations of input data. Created **HTML** pages using **CSS** styling.
* Used various **Spring Modules** like **Spring AOP, Spring WEB-MVC** and **Spring ORM** in development.
* Used **RESTful** web services to expose certain functionalities of the application.
* Used **Micro-services** for scalability and reliability of the application in addition to loose coupling.
* Auto scaling functionality of **Micro-services** helped in cloud infra where slowdowns were eliminated.
* **Docker** had been the most important of containers in accelerating the growth of **Micro-services**.
* **Mesos** and **Kubernetes** were used as the best ecosystem to deploy and manage **Micro-services**.
* Used **JAX-RS** plus jersey implementation for **RESTful** web services and containerized it.
* Created hibernate-config.xml and configured the **hibernate 4.0** for the application.
* Used **JBOSS** as the chief enterprise level server while dealing the database activities with **hibernates**.
* Used **Dependency Injection** feature for **wiring** and defined dependencies using constructor arguments.
* Implementation of data access layer has been cumbersome for a while and this was greatly resolved using **Spring JPA** through implementation of data access layers there by reducing boiler-plate-code.
* Used **Micro-services** to ensure the scalability of application on cloud infrastructure**.**
* Written **POJO Classes**, .hbm files for Hibernate **Object-To-Relational Mapping**.
* Defined several **UML** diagrams; Activity diagrams, Sequence and Object diagrams.
* Fail-safe/fallback methodology was employed using **Circuit Breaker** Pattern (**Hystrix dashboard**).
* Writing Unit test cases using **JUNIT** testing framework and performed unit and system testing.
* Created spring configuration files to define Handler mappings, Bean definitions, and developed Model classes for View Resolutions and **DAO** implementation classes extended from **Hibernate Dao** Support.
* Worked on **NoSQL** databases like **Cassandra** where data storage was scaled rapidly.
* Perfectly utilized the de-centralized nature of **Cassandra** making DB **Always-On** and avoiding regional **Outages.**
* Created **Hibernate** persistent and configuration files for **ORM** implementation.
* **CURL** was used as the core component of testing environment as part of unit and system testing.
* **Selenium’s** playback tool feature for authoring tests has been used in executing more than 100 test cases.
* Worked in **TDD**, **Agile** environment and attended **SCRUM** meetings as part of day to day activity.

**Environment: Java 1.7, Eclipse, Hibernate 4.0, Spring IOC, Web Services, HTML, Java Script, CSS, JQuery, XML, Angular JS, Log4j, Junit 4.12, JBOSS 7.1.0, REST, Cassandra, Spring JPA, Curl, Agile and Scrum, Hystrix, Spring MVC, Spring ORM, Spring AOP, POJO, Dependency Injection, Kubernetes, Mesos, Micro-services, Selenium and IBM FileNet.**

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| **Client** | **Pfizer, Peapack, NJ** |
| **Role** | **JAVA/J2EE Developer** |
| **Period** | **Jan 2014 – Feb 2015** |
| **Description** | PGM Portal has different applications like Pfizer Colleagues, Stock Ticker, DP Capacity, API gView, Chatting Window, EHS Reporting Tool, Environment Monitoring Information System (EMIS), Global Contractors Database, Procurement Dashboard, Product Codes and Sales Codes Database and Travel connect. It will also have the feature to display everyday Pfizer stock performance and industry indicators, simultaneously. DPCapacity and gView are two different applications which will be used by different Pfizer production sites to maintain different unit operations and drug products and sub products information. Using gView application user can download the production metrics in to an excel sheet of different site and different Unit Operation. |

**Responsibilities:**

* Worked on **Agile Methodology** for development of the application.
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
* Used **J2EE** **design** patters like value object pattern, **Session façade, Singleton, Factory** and **DAO**.
* **Spring with Tiles Framework** is implemented for a common look in the all presentation views.
* Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Actions Classes, Struts** and **Spring beans**.
* Integrated struts MVC **with spring DI and spring hibernate DAO**.
* Involved in writing **DAO, DT’s** using Hibernate DAO support.
* Implemented persistence layer using **Hibernate** that uses the POJOs (Which do not have the business process) to represent the persistence databases tuples
* Designed the user interfaces using **JSPs, AJAX** and **Struts Tags**.
* Used **XML Web Services** using **SOAP** to register agents using non –java applications.
* Developed reusable services and interoperable, based on **SOAP, WSDL, JAX-WS and Web Service**s .
* Used **JMS** for the asynchronous exchange of critical data and events among J2EE components.
* Publisher **Subscriber** method was used for data loading.
* Used**EJB** session Beans to process request from the user interface and CMP entity beans to interact with persistence layer.
* Focused on Test Driven Development (**TDD**) thereby creating detailed **JUnit** tests for every single piece of functionality before writing the actual functionality and wrote test cases to test the **Spring** DAO layer.
* Coded pages with best Search Engine Optimization (SEO) techniques.
* Designed applications that execute on various browser such as internet Explorer, Mozilla Firefox, Google Chrome, and Opera using debugging tools like Firebugs/IE Developer tools.
* Continuous integration services are provided for software development using **JENKINS.**
* Utilized OOPS concept in Java Script and DOM structure to implement various functionalities.
* Designed pages using **Angular JS** forms, **Validations, Modules, Event Expressions, Directives, Controllers**, f**ilters**. Developed **EJB MDB’s** and message Queue’s using **JMS**technology.
* Implemented security for different frontend views based on the access privileges.
* Involved in writing **XML** validation classes using struts validation framework.
* **Point-To-Point** method of **JMS** was used for event processing.
* Involved in requirements gathering and capacity planning for Multi-Datacenter (Four) and Cassandra Cluster used Oracle DB and MongoDB for Database related activities.
* Developed **Junit test cases** for DAO and Service Layer methods.
* Used **SVN** for version control of the application.
* Used **LOG4J** to capture the log that includes runtime exceptions.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
* Interacted with quality assurance team for requirements gathering and analysis.

**Environment: Core Java, J2EE, JSP, Struts, Spring, OOAD, HTML, EJB3, TDD, AJAX, JMS, XML, Design Patterns, ANT, Rationale Rose, IBM RAD IDE, WebLogic Application Server 10.X, Hibernate 3.0, Log4J, SVN, TOAD, JUNIT and UML.**

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| **Client** | **Blue Cross and Blue Shield - Chicago, IL** |
| **Role** | **SR Java/J2EE Developer** |
| **Period** | **Apr 2012 – Dec 2013** |
| **Description** | This Project mainly deals with delayed check payments. In this application we provided two functionalities to business users. One is 'upload functionality' and the other is 'search' functionality. In the upload functionality, users have an option to upload data corresponding to delayed checks. In the search functionality users can search for detailed claims data based on the check number along with other fields like Bank account number, Payee name, tax id, NPI and date range. |

**Roles and Responsibilities:**

* Involved in System Analysis and Design methodology as well as **Object Oriented Design** and development using **OOAD** methodology to capture and model business requirements.
* Responsible for Object Oriented Design using Enterprise Architect.
* Review and guide the application architects with Object Oriented Design using **Rational Unified Process** (RUP) using Enterprise Architect.
* Involved in Java **Multithreading** to cascade multiple changes on multiple records in only one transaction and developed a batch process framework.
* Responsible for **JAVA, J2EE, JSF, JBPM, EL** and Java **FX** coding / development.
* Implemented the web-based application following the **MVC II** architecture using **Struts** Framework.
* Used **Hibernate** as a persistence layer that is capable of handling high volume transactions as well as managing concurrency issues.
* Implemented **J2EE** patterns like, Data Access Object **(DAO),** Session facade, Business Delegate and Value Object.
* Implemented the service layer using **Spring 2.5** with transaction and logging interceptors.
* Used **spring** framework for middle tier and **Spring-hibernate** for data access.
* Developed web-based applications using Web Services, both **SOAP/WSDL** and **REST**.
* Used **multithreading** to improve performance in generating the reports in Java.
* Extensively developed User defined Custom **JSP** tags to separate presentation from application logic.
* Designed and developed Web Services **(SOAP, WSDL).** Created and compiled **XML** Schema to generate **JavaBean** classes using Apache Axis.
* Installation, Configuration & administration of **WebLogic** application Server.
* Designed and developed used XSLT transformation components to convert data from **XML** to **HTML**, Used **XML DOM API** for parsing **XML**.
* Involved in writing **SQL**, Stored procedure and **PL/SQL** for back end. Used **Views** and Functions at the Oracle Database end. Developed the **PL/SQL** scripts for rebuilding the application **Oracle** Database.
* Developed **HTML** and **JavaScript**. Developed Scripts for **UNIX** platform deployment.
* Used **ANT** for compilation and building **JAR, WAR** and **EAR** files.
* Used **Log4J**, **Splunk** for logging and tracing the messages.
* Involved in **System** and **Unit** testing using **Junit**.
* Coordinate with the onsite and offshore developers with respect to issues and follow up.
* Used **JBPM** to manage workflow, schedule Jobs, Execute procedure, Client Scripts and work on batch processing.
* Project coordination with other Development teams, System managers and web master and developed good working environment.

**Environment: Java, JSP, Servlets, JSF, Spring DI/IOC, Hibernate, XML, JBPM, HTML, JDBC, Web services, Rational Software Architect, Web Services (SOAP/WSDL and REST), Multithreading, Web Logic Application Server, Junit, Maven, Log4J, SVN, Oracle10g, UNIX.**

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| **Client** | **American National Bank, Cleveland, OH** |
| **Role** | **SR Java/J2EE Developer** |
| **Period** | **OCT 2009 – Mar 2012** |
| **Description** | American National Bank is one of the secures financial institution that serves huge domain of customers. Bank offers various financial and banking services to its customers. The current application is a part of online banking that allows a customer to pay bills securely as well as enrol in monthly automatic recurring bill payment. The functionalities involved in e-bill payment are Add a payee, make a payment, and set up Automatic Payments, Receive Bills Electronically, Request E-mail Notifications and Review Payments. The application also supports intra and interbank transfer of funds for a given customer. |

**Roles and Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software Development Life Cycle (**SDLC**) of building interface for **CRM** System. Hands-on with **Selenium** as part of testing.
* Developed N-tier client-server business application software using Model View Controller **(MVC)** Architecture.
* Developed user interface using **JSP, JSP Tag libraries JSTL, CSS3, JavaScript** to simplify the complexities of the application
* Involved in writing different Design Patterns like **Filter, Action, Business Delegate, Data Transfer Objects (DTOs) and Data Access Objects (DAOs).**
* Used Hibernate in persistence layer and developed **POJO's,Data Access Object** (DAO) to handle all database operations.
* **JSON** being light in nature was used as the chief source of communication between the server and the application.
* Preparation of **Java and JSP** coding standard checklist.
* Involved in the development of **Servlet, Struts Action classes, Business Objects, Web Services.**
* Involved in writing **JUnit** Test Cases and **Ant** Build Script.
* Involved in writing JSP using **Bean, Logic, HTML, and Iterate Tags**.
* Developed client request validations and processing using **JavaScript** and **HTML**.
* Spring boot and REST services are implemented while developing web-based applications.
* Each application was divided into separate or individual **Micro-services** where each service had its own functionality and loosely coupled with the other components of the Application.
* Deployed the Application into **Docker** container and made easily accessible at runtime using **Cloud Foundry** and other cloud services like **AWS, Netflix Eureka, Spring Hystrix** as fallback method, **SpringRibbon** for load balancing and a broker service to maintain status using **Spring Kafka** and **Zookeeper.**
* Developed Struts Action Forms, Action classes and performed action mapping using Struts.
* Used Web Services to publish the credential validation of customer. The Services are published by one bank and all other branches and vendors are using the published services.
* **SOAP** has been used as a protocol to send request and response in the form of XML messages.
* **WSDL** has been used to expose the Web Services. Designed and Developed Oracle Procedure for one-time conversion for Client Demographic and Financial systems.
* Developed **Hibernate** DAO’s and configuration files to access the **ORACLE** database.
* Developed the application by implementing Spring Framework based integration.
* Developed client applications using **JAXR** and **JAXM** to connect to the **UDDI registry.**

**Environment: WebLogic 10.3, Java 1.5/1.6, Apache Axis, JSP 2.0, Hibernate 4.3, Servlets 2.5, XML, SOAP, WSDL, Oracle, Eclipse, JAXR, JAX-WS, JAXM, PL/SQL, Bean, Junit, JBOSS, Struts, DAO, AOP Spring, MVC Spring.**

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| **Client** | **Prime soft Technologies Pvt. Ltd - Hyderabad, ANDHRA PRADESH, IN** |
| **Role** | **Java Developer** |
| **Period** | **July 2008- Sep 2009** |
| **Description** | Electronic Medical Record (EMR) is a web-based java solution that capture data from different fields, different forms to compile individual Health data that can be shared across different health care settings and different clinicians. This individual data can be compiled to generate different types of reports that can help the organizations to grow their business rapidly. |

**Roles and Responsibilities:**

* Developed logic and code for the registration and validation of the enrolling customer using **Spring Boot**
* Application. Used **Hibernate** as the **ORM** tool to connect application with Database.
* Played active developer role in writing **business rules** and **scripts** during **Service Now** Administration.
* Roles included maintenance of **database** and ensuring round the clock **service availability**, **Log Shipping**,
* Clustering and Replication. Involved in change request implementation using **JAVA/J2EE**.
* Active responsibility included automation of various timely activities we used to operate on databases like

**Backups, Snapshots, Health check** reports, Experience with **high availability, OLAP**&**OLTP** etc.

* Coordinated all the team members during the migration activity of **RBS** servers
* Documented and generated reports using **SSRS** and integration were done using **SSIS** services.
* Occasionally responsible for **UNIT** and **System testing** for software’s, designed and fabricated with requested changes from customers.

**Environment:JAVA/J2EE, OLAP, SSRS, SSIS, RBS SERVERS, SQL**