**Name: Dinesh Kumar @dineshkumar.cdev@gmail.com**

**Role: Sr. Java Full Stack Developer 🕿 515-505-6286**

**SUMMARY:**

* **12+ years** of IT experience working with various SDLC methodologies, including Agile, Scrum, and the Waterfall Model, and applied Agile Test Practices, Scrum, and Scripted Test Cases for TDD methodologies.
* Experience in the **Design, Development, Implementation** and **Testing** of applications using **Java/J2EE**.
* **Developed modules using Angular, Node, React**, **Bootstrap**, **JavaScript, Ajax, jQuery, HTML5 and CSS3.**
* **Experience in using JavaScript, jQuery, AngularJS, Angular 4/8, and Type script to enhance client-side user experience and improve performance.**
* **Experienced Full stack UI technologies using Grunt, Gulp Server, and Yeoman generator for Angular.**
* **Expertise in using inbuilt and Custom AngularJS directives and filters to add functionalities to the webpage.**
* Experience in **Angular 8** along with **Bootstrap** and CSS3 to create reusable components for RWD applications.
* Experienced in Server-side validations using **Ajax** in **NodeJS** and Client-side validations using **Angular JS**.
* **Knowledge of advanced-level programming in C++, including multi-threading and concurrency.**
* **Experience in creating test documents, debugging, and investigating issues utilizing C++ on the client-server.**
* **Strong experience in developing applications using Core Java concepts like OOPS, Multithreading, Collections Frameworks, Exception Handling, Data structures and JDBC.**
* **Experienced in Design and developing software applications with the .Net Framework using C#, ASP.Net**
* **Experienced with XML-related technologies such as DTD/Schema, XML, XSLT (DOM, SAX), and XPATH.**
* **Developed core modules in large cross-platform applications using JAVA6/8/11, J2EE, Spring Boot, Hibernate, JSP, Servlets, EJB, JDBC, Web Services (SOAP, REST) and Micro Services.**
* Experience in implementing J2EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator, DAO, DTO,** and **Business Delegate** in the development of N-Tier distributed Enterprise Applications.
* **Strong experience in Spring Framework modules such as Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Micro-Services, Spring REST, Spring Eureka, and Spring Netflix.**
* **Experienced in implementing Service Oriented Architecture and Web Services using SOAP and REST.**
* Developed **Microservices** using **Spring Boot** and **deployed Microservices** into the **AWS cloud** using **Jenkins**.
* **Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes using Hibernate Query Language (HQL), HSQL Named Queries, Criteria, and Projections.**
* **Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot.**
* **Experience in database modeling, design, and development of PL/SQL stored procedures and packages in relational databases Oracle 9i /10g /11g/12c, Postgres SQL, and MYSQL.**
* **Experience in working with NoSQL databases like MongoDB and Cassandra**.
* Hands-on experience in **Amazon Web Services** provisioning and good knowledge of **AWS** services like **EC2, S3, RDS,** Route53, Cloud Watch, Cloud Formation, IAM, **SNS**.
* Used **Jenkins** as a primary tool for implementing the **CI-CD** during code releases, worked with **CICD** pipeline to build and deploy transcending applications on **AWS**.
* Expertise with the employment of Apache Kafka and Zookeeper apart from **JMS** as a messaging service.
* **Hands-on experience with build tools like Ant, Maven, Gradle and Logging tools like Log4J.**
* Monitoring and logging tools such as **ELK Stack** (Elastic search, Log stash, and Kabana).
* **Experienced in using IDEs such as Eclipse, STS, Rational Application Developer (RAD), Net Beans and IntelliJ.**
* **Experience in testing with JUnit Framework using Mockito and Easy Mock, Spring JUnit Runner, JMeter.**
* Part of **Scrum, Sprint review, Retrospection** and **Virtual Closure** meetings as a part of Agile.
* Proficient in devising all the artifacts of testing, such as Selenium Test Scenarios, **Test Cases**, Defect Reports, and Test Summary Reports.
* Valuable experience in **Selenium** Test Environment setup expert using the entire open-source tools.
* Experience in unit testing using **Karma, JUnit, Mockito, TestNG** and integration testing using **Continuum, Selenium, Hudson,** and **Apache Camel**.
* **Experience in working with web servers Tomcat 8, Web Sphere 8.x/9.x, Jetty, JBoss7.1.0 and Web Logic.**

**SKILL SET:**

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| --- | --- |
| **Java/J2EE Technologies** | **Servlets, JSP, JSTL, JDBC, JMS, JNDI, EJB, JFC, AWT, Applets, Multi-threading.** |
| **Programming Languages** | **Java 1.6/1.7,1.8,11, PL/SQL, C++, Objective-C, Swift** |
| **Application/Web Servers:** | **WebLogic 8.1/9.1/10.3, JBoss, Tomcat.** |
| **Frameworks** | **Struts 2.x/1.x, Spring 4.x/3.x, Spring Boot, Hibernate 4.x/3.x, JSF 2.0/1.2** |
| **IDEs** | **Eclipse, IntelliJ, STS, IBM WSAD, Visual Studio Code** |
| **ORM Frameworks** | **Hibernate 4.x/3.x, JSF** |
| **Web technologies** | **JavaScript, TypeScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, HTML5, Bootstrap, Angular JS/8, React JS, Node JS** |
| **Web Services** | **JAX-WS, JAX-RS, REST, SOAP, WSDL** |
| **Methodologies** | **Agile, Scrum, TDD, Waterfall** |
| **Modeling Tools** | **UML, Rational Rose, Visio** |
| **Testing Tools/Technologies** | **JUnit, JMeter, Html, Unit, Selenium, Jenkins, JIRA, Mockito** |
| **Database Servers** | **Oracle 12C,11g, DB2, SQL Server, Postgres, MongoDB** |
| **Version Control** | **GIT, CVS, SVN** |
| **Build Tools** | **ANT, Maven, Gradle** |
| **Containerization Tools** | **Docker, Docker Swarm** |

**Education Details**

**Master of Science in Computers** from **Northwestern Polytechnic University,**Fremont, CA in August 2016.

**Master of Computer Applications** from **Acharya Nagarjuna University**, India in June 2011.

**Bachelor’s in computer science** from **Acharya Nagarjuna University**, India in June 2008.

**PROFESSIONAL EXPERIENCE:**

**Client: McKesson Corporation, Irving, TX Feb 2022 – Present**

**Role: Sr. Java Developer**

**Project Name: Delivery Visibility Systems**

**Responsibilities:**

* Involved in the analysis, design, and development phases of the **Software Development Life Cycle** (SDLC) using **Agile (SCRUM**) development methodology and **Test-Driven Development** process to deliver regular updates to the business team and project managers.
* Designed and developed the UI components using JSP, HTML, CSS, Java Script, AngularJS, Nodejs, jQuery, Bootstrap and Ajax.
* Collaborating closely with the technical team and business teams to ensure solutions are developed to meet deliverables by attending the **Daily Standup** meeting to update the everyday progress.
* Used Core Java and advanced **Java 8** features like Lambda expressions, Streams, Method reference, Collections, etc.
* Used **Annotations** for Dependency Injection and Spring Boot microservices.
* Implemented functionalities using Spring Boot with **Hibernate** ORM.
* Used Spring Framework **AOP** Module to implement logging in the application to know the application status.
* Developed Applications to access **JSON** from Restful web service.
* Used Micro Services architecture with **Spring Boot** services interacting through **REST** Templets.
* Deployed **Spring Boot** Micro Services into **Azure** Kubernetes Services using **GIT Actions**.
* Used **Kubernetes** commands to run logs, maintain and monitor the pods in the **AKS clusters**.
* Continuously monitoring the Veracode **scan reports** and upgrading the spring and supported libraries for the application to resolve the vulnerabilities.
* Created **APIS** and scheduled **jobs** to consume weekly data from the **DOI** site for fuel updates.
* Identify the **issues** and enhance the existing application program with new features.
* Experience with building **Docker Images** and running them on **Azure Kubernetes containers**.
* Used **Lens** console to monitor the different environment **logs** and events for the **Kubernetes pods**.
* Configured and administered GIT Actions for CI/CD into the integrated Tomcat Application Server, which is hosted in the **Kubernetes** clusters.
* Worked with testing frameworks such as **Junit**, **Mockito** and Performed GUI, Functional and Regression testing.
* Used **JIRA** to assign, track, report, and audit the issues in the application through a **two-week sprint** process.
* Experienced in setting up **test** environments for automated script execution using spring **scheduler** and **cronjobs**.
* Working on building & Deploying Java code through Jenkins, Used Jenkins **Amazon Web Services (AWS)** Code deploy plugin to deploy to **AWS** and working **AWS** Cloud management.
* Developed new windows forms using **C#** and the **.Net framework.**
* Analyze and improve efficiency, scalability, quality of results and stability of various deployed applications to **diagnose** and **fix** code problems.
* Used **IntelliJ** for developing, debugging, and troubleshooting applications.
* Worked on creating Databases, **Collections,** and **documents** in **MongoDB**.
* Managed **MongoDB** environment with high availability, performance, and scalability perspective.
* Wrote **SQL** Queries, Stored Procedures, Triggers, Views, and enhanced performance with explained plans.

**Environment: Core Java, Java 6/8/11, Spring Boot, Nodejs, Spring Security, REST, Docker, Kubernetes, Postman, JIRA, Git, Git Actions, Gradle, AKS, MongoDB, Postgres, AWS, Visual Studio Code,** and **IntelliJ.**

**Client: HCA Health, Nashville, TN June 2021 – Jan 2022**

**Role: Sr. Java Developer**

**Project Name: FM Collections**

**Description:**

Force Multiplier Collection application will allow the users to view and download the details of the

**Healthcare** insurance for the different patients and their providers by filtering the results by monthly and location.

Monitoring the growth and payments based on the amount and completion factors along with the **insurance** providers.

Responsibilities:

* Involved in the analysis, design, and development phases of the Software Development Life Cycle (SDLC) using **Agile (SCRUM)** development process to deliver regular updates to the business team and project managers.
* Used **Core Java** and advanced **Java 8** features like **Lambda** expressions for array operations, **Streams**, **Method reference**, Collections, etc.
* Used Annotations for Dependency Injection and **Spring Boot** services.
* Implemented functionalities using **Spring IO** / **Spring Boot** with **Hibernate** ORM.
* Used Spring Framework **AOP** Module to implement logging in the application to know the application status.
* Developed an application to access **JSON** from **Restful** web service.
* Used **Micro Services** architecture with **Spring Boot** services interacting through **REST**.
* Deployed **Spring Boot-based** Micro Services into **Docker** containers using Amazon **EC2** container services and implemented **Spring REST** to create **REST** endpoints and integrated Swagger to get dynamic documentation.
* Worked with Swagger **UI** and **GraphQL** Playground to expose **APIs** as back-end components.
* Upgraded Spring Rest Controllers and Services classes to support migration to Spring framework.
* Involved in onboarding new applications to consume **REST API** and **GraphQL.**
* Used **Aspose.Cells** API for Java to export data to Excel Sheets and format spreadsheets, Create charts and Pivot Tables.
* Used **HQL**, Named Parameters, Queries, and Interfaces such as Expression, **Query** and **Criteria** for implementation of **Hibernate** template and used **Hibernate** Cache.
* Used **OpenShift** console to monitor the different environment logs and events for the pods.
* Experience with building **Docker** Images and running them on Docker **containers**.
* Configured and administered **Jenkins** for **CI/CD** into the **Tomcat** Application Server.
* Worked with testing frameworks such as Junit, Groovy and Performed GUI, Functional and Regression testing.
* Used **JIRA** to assign, track, report and audit the issues in the application by sprint process.
* Experience in setting up test environments for automated script execution using Java and **Appium**.
* Used **IntelliJ** for development and debugging the application and Used **GIT** for version control.
* Wrote **SQL** Queries, Stored Procedures, Triggers, Views, and enhanced performance with explain plans.

**Environment: Core Java**, Java 8,11, **Spring Boot**, Nodejs, Spring Security, **Eureka, Aspose.Cells, REST, Docker, JIRA, Git, Gradle**,

**Groovy, Jenkins, Swagger** and **Microsoft SQL SERVER.**

**Client: Verizon, Ashburn, VA Duration: April 2019 –May 2021**

**Role: Sr. Java Full Stack Developer**

**Description:** Verizon is an American telecommunications company that offers wireless products and services. It is a wholly owned subsidiary of Verizon Communications. Verizon Wireless provides service to 154 million subscribers.

Working on the project “SDPM.” SDPM’s mission is to develop, implement and maintain the application to store and track the data of customer records, feedback and tickets raised by customers around the country in Verizon portals.

**Responsibilities:**

* Involved in the analysis, design, and development phases of the **Software Development Life Cycle** (SDLC) using **Agile (SCRUM**) development methodology and **Test-Driven Development** process to deliver regular updates to the business team and project managers.
* **Developed UI pagesusingHTML5, TypeScript, Angular 8, Bootstrap, CSS3, jQuery, AJAX** and **NodeJS.**
* Build the reusable service components with **Angular 8, Bootstrap** and **JSX** to use across modules.
* Implemented **jQuery** to develop the widgets and to perform the **client-side** validations.
* Used **Core Java** and advanced **Java 8 features like Lambda expressions for array operations, Streams, Method reference**, **Collections**, **Multi-Threading**,etc. Enhanced concurrency methods etc.
* Used **Annotations** for **Dependency injection** and **Spring Boot** for **Microservices**.
* Implemented functionalities using **Spring IO** / **Spring Boot** with **Hibernate** ORM
* Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status.
* Developed an application to access JSON and **XML** from **Restful** web service.
* Used **Micro Services** architecture with **Spring Boot** services interacting through **REST**.
* Deployed **Spring-Boot** based **Microservices** into **Docker** containers using **Amazon EC2** container services and implemented **Spring REST** to create **REST endpoints** and integrated **Swagger** to get dynamic documentation.
* Upgraded **Spring Rest Controllers** and Services classes to support migration to Spring framework.
* Involved in onboarding new applications to consume **RESTAPI** from APIGEE gateway platform.
* **Used HQL, Named Parameters, Queries, and Interfaces such as Expression, Query, and Criteria for implementation of Hibernate template and used Hibernate Cache.**
* Used **AWS Cloud watch** in alerting, maintaining, and monitoring of production and servers.
* **Experience with building Docker Images and running them on a Docker container.**
* Configured and administered **Jenkins** for **CI/CD** into the **Tomcat** Application Server.
* **Worked with testing frameworks such as JUnit, and Mockito and Performed GUI, Functional,** and **Regression** testing by automated using **Selenium** and **Jenkins**.
* Familiar with **Cucumber, Selenium Web Driver, Selenium** commands and **X-path** and developed **grunt** tasks to run the unit tests on **Jenkins**.
* Used **JIRA** to assign, track, report and audit the issues in the application by **sprint** process.
* Experience in setting up **test** **environments** for **automated** script execution using Java.
* **Used IntelliJ for development and debugging the application and Used GIT for version control.**
* Experience in performance tuning with **Oracle database**. Designed and developed file upload and file download features with **Oracle BLOB** and **CLOB.**
* Wrote **SQL Queries, Stored Procedures, Views,** and enhanced performance with explain plans.

**Environment: Core Java, Java 8/11/J2EE, Angular 8, TypeScript, Spring Boot, Spring Security, Eureka, Hibernate 4.x, Microservices, REST, Docker, AWS IAM, JIRA, Git, Maven, Selenium, Jenkins, Mockito, Appium, Oracle 12c.**

**Client: Best Buy, Minneapolis, MN Duration: July 2018 – March 2019**

**Role: Sr. Java Full Stack Developer**

**Description:** Best Buy is a leading national retailer of brand-name consumer electronics, personal computers, entertainment software, etc. The application facilitates the users to browse for various categories of all products such as TV, Video, Camcorder, etc., along with providing different brand preferences. Once the Customer account was created/verified (for existing customer using ID and password), the customer enters the credit card information, which was then processed securely by the Broad vision server, followed by the confirmation of the place order.

**Responsibilities:**

* Implemented **Agile methodologies**, actively involved in technical meetings, requirement gathering, analysis, planning, effort estimation, coding, development, and testing.
* Developed User Interface application modules using **HTML**, **CSS** and **JavaScript, TypeScript, jQuery,** and **AJAX**.
* **Wrote client-Side code using ReactJS, NPM and gulp directories to generate the server environments used flux to manage targeted URL’s and to monitor the application.**
* **Used ReactJS to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.**
* Extensively used **jQuery, NodeJS** in implementing various GUI components in the application portal.
* Use **Object Oriented Programming** concepts in **Core Java** along with **Java 8** features.
* **Worked with controller, service and view components in applications using spring 3.5 framework.**
* Extensively used various modules in **Spring** like **AOP, DI (IOC), Bean Wiring, Spring Inheritance, Auto Wiring, Spring JDBC Templates and Spring Quartz Schedulers for Jobs.**
* **Designed and developed Microservices using REST framework and Spring Boot.**
* **Involved in batch processing using Spring Batch to extract data from the database and load into tables.**
* **Enterprise level web applications were supported by building spring-based Java and Scale micro services.**
* **Consumed messages from JMS-Message-driven beans** and **Active MQ.** Integrated **Active MQ** with **Beans.**
* Experience in Creating, Dropping Indexes, Tables, Stored Procedures and Views on **Oracle DB**.
* **Cloud environment for micro services was provided using spring cloud Netflix (Eureka, Hysteria, Ribbon).**
* Expertise with employment of **Spring Kafka** and **Zookeeper** apart from **JMS** as messaging service.
* Deployed the Application into **Docker** container and made it easily accessible at runtime using **Cloud Foundry** and other cloud services like **AWS, Netflix Eureka, and Spring Hysteria** as fallback method.
* Used **Spring Ribbon** for load balancing and broker service to maintain status using **Kafka** and **Zookeeper**.
* Developed **CI/CD** system with Jenkins on **Kubernetes** container environment utilizing **Kubernetes**.
* Reading the log files using **Elastic Search**, **Log stash** and alerting users on the issue and saving the alert details.
* Implementation of Spring **Restful** web services which produce **JSON**.
* Developed **REST APIs** for consuming web services.
* Used micro-framework to implement **RESTAPI** and **Mongo DB** (NO SQL) as back-end database.
* Created JSON Data and stored as documents comprising documents, data types and conversions in **MongoDB.**
* Configured **AWSEC2** instances, **S3Buckets** and Cloud Formation Services based on the business requirements.
* Utilized **AWS Lambda** to upload data into **AWS S3** buckets and to trigger **Lambda** Functions Including **EC2.**
* Expertise on **Soap UI**, **Selenium** Data Driven framework and integrating it with **Maven** [Build Management Tool], **Testing** [Unit Testing tool] and **Jenkins** [Continuous Integration Tool].
* Developed automation scripts for **Mobile Native applications** using **Appium** and **Java**.
* Integrated **Appium** with **Sauce Labs** for distributing tests on the cloud.
* Wrote **Selenium** scripts to create reusable components in Data driven framework.
* Created Test cases using Element locators and **Selenium Web Driver** methods and enhancing the **Selenium** Test cases for Cross browser testing and implemented front end tests using **Mocha/Chai** frameworks.
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium IDE**.
* Worked with **JAXB** parser for marshalling and Unmarshalling XML data.
* Used **IntelliJ** to develop and debug the application and Used **Git** as a version control tool.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR and JAR** files to be deployed in application servers and integrated with **Git, Jenkins, and Jenkins Jobs.**

**Environment: Core/Java 1.8, Spring Boot, Microservices, HTML5, CSS3, TypeScript, Bootstrap, ReactJS, SOAP, REST, Microsoft Visio, Apache Kafka, Jenkins, Amazon Web Services S3, NoSQL (MongoDB), GitHub, Selenium, Appium, Log4j.**

**Client: Frontier Communications - Richardson, TX, US Duration: Jan 2017 to June 2018**

**Role:** **Java Full Stack Developer**

**Description:** Frontier Communications Corporation is a telephone company in the United States, mainly serving rural areas and smaller communities. Frontier is the sixth-largest local exchange carrier and the fifth-largest provider of digital subscriber lines (based on coverage area) in the United States. In addition to local and long-distance telephone service, Frontier offers broadband Internet, digital television service, and computer technical support to residential and business customers.

**Responsibilities**:

* Involved in **Daily Scrum meetings, Sprint planning** and estimation of the tasks for the user stories and implemented **Test Driven Development (TDD)**methodology.
* Developed Customer GUI using **HTML, CSS, LESS, JSON, AJAX, jQuery,** and **Backbone JS** to simplify the complexities of the application and to create a single-page application.
* **Backbone JS** communicates via events and helps to develop fast applications and easily maintainable code.
* **Backbone JS** used for creating single-page applications using a **RESTful JSON** interface service.
* Used **Ember JS** to create reusable and maintainable JavaScript web applications and **Ember JS** views are created by using a handlebar template.
* Implementing the **Backbone JS** and **Spring MVC** framework for data access.
* Developed **SOA (Service Oriented Architecture),** implementing **Restful** web services based on **(JAX-RS)** using frameworks Jersey**, and Spring REST.**
* Gathered and clarified requirements with business analysts to feed into high-level customization design, development, and installation phases.
* Developed application using Frameworks **Spring MVC, Spring IOC, Spring AOP** and **Hibernate**
* Used **Spring AOP** for cross-cutting concerns and **Spring IOC** for loosely coupled code.
* Implemented using **Spring MVC** components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.
* Integrated **Spring MVC** with **Hibernate** for data access from **Oracle** Database.
* Developed **REST**ful services that are reusable and interoperable, based on **Spring REST**ful Services using **Jersey**.
* Exposed Stateless session beans as **RESTful** web services using **JAX-RS** and Rest API calls and data binding is done by using **Backbone** JS.
* Used **Spring Security** for user Authentication and authorization.
* Integrate the web services using Apache **Camel** routing and Spring.
* Extensively used **Hibernate** mappings, **HQL**, Query, Criteria, Lazy loading Transactions and Locking.
* Extensively used **hibernate named queries, criteria queries, Hibernate Query Language (HQL)** and **Optimistic Locking** and **Caching** to process the data from the database.
* Involved in deploying and testing the application in **IBM WebSphere Liberty** server.
* Implemented the database connectivity using **JDBC** with **Oracle** database as backend.
* Involved in the Database design like creating tables with constraints and writing **SQL** queries, **Views** and functions on **Oracle** database using **TOAD**.
* Extensively used **Selenium IDE** to record, playback and debug individual test cases, using **Selenium WebDriver** provided more flexibility in automating test cases.
* Developed unit and integration test cases using **JUnit**, and **Mockito**.
* Used **SVN** as version control software and Used **Ant** for building and deploying the Web applications in the **Web logic** application server.
* Used **JIRA** tool for tracking stories progress and followed agile methodology.

**Environment: Java 1.8, Spring MVC, Hibernate, HTML5, BackboneJS**, **SVN, Apache Camel, Mockito, JUnit, Web Services, Web Logic, Eclipse, Ant.**

**Client:** **American Express, Phoenix, AZ. (offshore Hyd, IND) Duration: Mar 2013 – June 2015**

**Role: Sr Java/J2EE Developer**

**Description:** Map’s component is responsible for providing the small merchants accepting American Express with promotions and publicity. This application uses Google Maps API, using their location, provides customer a list of merchants who accept American Express, and provides it to the customers to know where they could get money-saving benefits. The application also has a login experience, where a customer can save the merchant to his saved places. It also has merchant details like share, direction, Website URL, Phone Number, Help, Trip Advisor, and other Social Networking URLs.

**Responsibilities:**

* Created custom directives and filters using **AngularJS** built-in $**http** service through **dependency injection**.
* Created views and hooked up models to the DOM, Used AngularJS, and synchronized data as **SPA**.
* Performed DOM manipulations using **Java Script** for loading and manipulating dynamic content on webpages.
* For data binding and reusability of **HTML** pages, Worked with some of the **AngularJS** directives.
* Developed business components using core Java concepts like **Inheritance, Polymorphism, Collections, Serialization, Multithreading,** etc.
* Used **JMS** (Java Messaging Service) API to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system-related problems.
* Implemented Internationalization using **Spring MVC** Interceptors and spring core modules.
* Used **Spring validation framework** to implement the server-side validations.
* Developed Service Oriented Architecture (**SOA**) implementing **SOAP** services using **WSDL, JAX-WS**.
* Did load testing of **SOAP Web Services** using **SOAP UI** and **Apache JMeter tools**.
* Developed **POJO** objects and used **Hibernate** as the **Object-Relational Mapping** tool to access the persistent data from **SQL Server**.
* Configured **JBOSS** Application server and used **Oracle** database with **HibernateORM framework** and used the functionalities of **Hibernate’s** second level **EHCache.**
* Worked on **Oracle11g** and got the data from the database to validate the users.
* Hands-on writing **Stored Procedures, functions, triggers, DDL, DML SQL queries**.
* National level complex problem-solving competition, using JAVA, Data Structures, and Algorithms.
* Involved in generating **JAXB** classes from schema files.
* Developed Test classes using **JUnit** and **Easy Mock** and test coverage using **EMMA** plug-in.
* **SVN** was used for version control systems and source code management.

**Environment: AngularJS, Java, J2EE, Spring core, JMeter, Spring MVC, Hibernate, SVN, SOAP, Oracle11g, JBOSS jQuery, HTML5, Splunk, Junit, Easy Mock, EMMA.**

**Client: Byte Alpha - Hyderabad, IN Duration: Nov 2011 – Feb 2013**

**Role: Java/UI Developer**

**Description:** This project involves developing a **J2EE-based** framework to support dynamic report creation from various distributed databases. The framework supports dynamic PDF report generation using iText, an open-source PDF generation library. The framework facilitates new report formats and databases by using xml configuration files.

**Responsibilities:**

* Developed dynamic web pages using **HTML, CSS, JSP, JavaScript, jQuery** for designing the UI for building up a **Monolithic** application.
* Implemented business process, database retrievals, access information and User Interface using Java, Struts.
* Form classes of **Struts** Framework to write the routing logic and to call different services.
* Created tile definitions, Struts-config files, validation files and resource bundles for all modules using **Struts**.
* Implemented **Struts Dispatch Action class** and form bean classes using struts framework.
* Client-server validations were handled using **Struts Validator Framework’s** validate plug-in.
* Performed unit testing using **JUNIT** framework and used **Struts Test Cases** for testing Action Classes.
* Created Responsive Layouts for multiple devices and platforms using a foundation framework.
* Created Managed Beans for handling pages and include logic for processing of the data on the page.
* Used **Hibernate** as **Object Relational Mapping** tool to achieve an object to database table persistency.
* Configured **WebSphere** resources like **JDBC providers, JDBC data sources, connection pooling** and **SSL**.
* Created SQL queries, PL/SQL Stored Procedures, Functions for the Database layer by studying the required business objects and validating them with Stored Procedures using **DB2** and Promoting **DML** scripts to **DB2.**
* Used **Log4j** framework to log and track application and Used **Rational Clear Case** for Version Control.

**Environment: HTML, CSS, JavaScript, jQuery, Java, JSP, Struts, Hibernate, JSF, UNIX, SOAP, XML, IBM WebSphere 6.1, Rational Clear Case, Log 4j, IBM DB2.**