**CHAITANYA MARUVADA**

**Sr. Java/J2EE Developer & Full Stack Developer**

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**SUMMARY**

* Over **8+ years** of strong software experience in **design, development** and **deployment** of **web-based Client-Server** business applications using **OOP, Java/J2EE technologies**.
* Experienced working in projects involving Agile Methodologies, Scrum, Test First Development, Incremental and Iterative Development, Rational Unified Process.
* Expertise in design with Use Case, Sequence diagrams, Activity diagrams, Class diagrams with exposure to **UML**, tools like **Rational Rose** and use of **Rational Unified Process (RUP**)**.**
* Experienced in **MVC (**Model View Controller) architecture with **Magento**, **Angular JS** and **Spring.**
* Proficient in applying design patterns like **MVC, Singleton, Session Facade, Service Locator, Visitor, Decorator, Bean Factory, Observer, Front Controller, Data Access Object.**
* Good working experience in Web based UI’s using **HTML, HTML5, DHTML, CSS, CSS3, Bootstrap, JavaScript, VB Script, Action Script jQuery, JSON**, **AngularJS, DOJO, EXT JS, AJAX, ReactJS, Vue JS, Backbone JS.**
* Hands on experience for **HTML/CSS/JSP** direct coding with focus on **Cross-browser/Cross-platform compliance.**
* **Expertise in using inbuilt and custom AngularJS directives and filters to add functionalities to the web page.**
* Experience in using various JavaScript Web application related libraries such as **Backbone.js, ReactJS, Ember JS, Require.js, Knockout, Angular.js 2.0, bootstrap and Google Web Toolkit.**
* Experience in developing Web-centric applications using **XML, Angular.js, JavaScript, jQuery, CSS, Photoshop, Dreamweaver and IIS.**
* Experience in developing cross platform server-side applications using **Node.js** to achieve scalability in real-time web applications.
* Good knowledge in **Angular 2.0** directives to create reusable elements and attributes, along with easy to test and maintain client-side interactivity in web applications.
* Good knowledge in **Twitter Bootstrap** and **Responsive Design**.
* **Experienced in, Client-side validations, Client-Server data interaction using ajax in Nodejs.**
* Expertise in the implementation of **Core Java** concepts of **Java, J2EE Technologies**: **JSP, Servlets, JSF**, **JSTL**, **EJB** transaction implementation (CMP, BMP, Message-Driven Beans), **JMS**, **Struts, Spring, Swing, Hibernate, Java Beans, JDBC, JNDI, Multi-Threading, Data structures** etc.
* Expertise in design and development of various web and enterprise-level applications using **Java/J2EE** technologies Such as **Spring**, **Hibernate**, **Struts framework**, **EJB**, **Servlets 3.x.**
* Experience in developing spring features like **Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Heroku, Spring Security, Spring Integration, Spring Eureka, Spring Netflix, Spring Hystrix**.
* Expertise in implementing SOA (Service Oriented Architecture) and web services such as **SOAP** and **REST** using **CXF2**, **WSDL**, **JAX-WS** and **JAX-RS**.
* Hands on experience in developing **Web services, Microservices, AWS**, **Docker** and **JMS** for the synchronous and asynchronous communications between two applications running in different servers.
* Really good experience with **Model2 (MVC) architecture** and **Jakarta Struts/Tiles**. Solid experience in using **Jakarta Apache frameworks** like **Struts, Maven, ANT, JUnit** and **Log4J**.
* Hands on experience in **Amazon Web Services (AWS)**, services like **EC2, S3, Elastic Beanstalk, ELB (Load Balancers), RDS, VPC, Direct Connect, Route53, Cloud Watch, CloudFormation**, **IAM**, **SNS** etc.
* Defined **AWS** Security Groups which acted as virtual firewalls to route requests to multiple **AWS EC2** instances.
* Experienced in Development, testing and deployment of enterprise applications on **Windows** &**UNIX** platforms using IDE's such as **Eclipse**, **Rational Application Developer (RAD)**, **NetBeans**, **intellij 14.x/15.x**
* Experienced in writing **complex SQL queries, procedures**, **Triggers** and **Stored Procedures** in various databases such as **Oracle**, **DB2** and **MySQL**.
* Experienced in working with multiple databases like **Oracle 10/11g**, **SQL Server**, **MySQL**, **DB2**, **Sybase, NOSQL DB (mongo, Cassandra)**.
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from SQL relational databases.
* Good knowledge of **Spark** and **Hadoop** Architecture and various components such as **HDFS, YARN**, **Name Node**, **DataNode** and **MapReduce** concepts and **Spring Yarn** terminology and the High-Availability of Hadoop Clusters
* Experience in configuring and deploying the applications on **Tomcat**, **WebSphere**, **WebLogic** and **JBoss** Servers.
* Have good experience on using **GIT, Bitbucket, SVN and CVS** for project management and version management.
* Experience providing training to development teams on how to track, plan and analyze using **JIRA**.
* Hands on experience on installation of **Docker** using **Docker** toolbox.
* Good experience in unit testing using **Karma, Jasmine** and **JUnit,** Automated Testing using Java, **Junit**/**TestNG**, **Selenium** (IDE/**Web driver**), Integration Testing using **Continuum, Selenium**, **Jenkins** and **Apache camel.**
* Excel under pressure and thrive in dynamic environments. Comfortable with ambiguity and multitasking.

**TECHNICAL SKILLS**

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| **Programming Languages** | Java, J2EE, C, C++, SQL, PL/SQL, Python 3.6.0 XML. |
| **JEE/J2EE Technologies** | Servlets, JSP, JSF, EJB, JDBC, JMS, JNDI, LDAP, JAXB, JAX-WS, JSTL, Design patterns, JPA. |
| **Design & IDE Tools** | Net Beans, Eclipse, Web logic Workshop, IntelliJ, Rational Rose, STS 3.x, Atom. |
| **Web Technologies** | HTML, DHTML, CSS, AJAX, JavaScript. |
| **Application/Web Servers** | Web Sphere Application Server 6.1, Apache Tomcat 6.0, JBoss 4.x/6.0, BEA Web Logic 9.x/10. x. |
| **Operating Systems** | Windows /Unix /Macintosh, Windows 98/2000/ XP. |
| **Database** | Oracle 9i/10g/11g, NoSQL, Mango DB, MySQL, PostgreSQL, DB2 9.x/8.0. |
| **Database Design & Object**  **Oriented / Analysis & Design** | UML, OOAD design patterns, ER – diagrams |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, SOAP, RESTful, WSDL, UDDI. |
| **Frameworks** | Struts 2.x/1.x, Spring 3.x/4.x, Hibernate 4.x/3.x, JSF 1.2/2.0, iBatis, Spring Batch, Spring Boot, Maven, Bower, NPM |
| **Scripting** | JavaScript, jQuery, Angular JS, AJAX, Unix Shell. |
| **XML Technologies** | XML, XSLT, DOM, DTD, SAX. |
| **Testing/Debug** | JUnit, Log4j, Jasmine, karma. |
| **Version Control Tools** | Bitbucket, CVS, SVN, GIT, Rational Clear Case. |

**PROFESSIONAL EXPERIENCE**

**Client: Wheels Inc., Chicago, IL  Feb 2016 – Till date**

**Role: Java Full Stack Developer**

**Description:**Main Objective of this Project is to convert legacy MS Access based Telematics (Onboarding and Billing modules) application to the Web based version. The data migration is done with the help of IBM bpm which is a business process management tool. I worked on 4 modules Display List of Invoices, Create Invoices, Edit Invoice, and Submit Invoices for Approval. Each module has been created as per user requirements and unit testing is done for every module and documented accordingly. We are updating the Application according to user requirements.

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed **agile methodology** in the Scrum Cycle model.
* The application is built based on **Microservices Oriented Architecture** and developed dynamic single page applications using **MEAN** Stack (**Angular 4.0** framework with **HTML5, CSS3** and **Twitter Bootstrap)**.
* Have extensively used **Java8** Streams, **Lambda Functions, Predicates**, **Functional Interfaces**, **Method References**, **Filters, Collections and Default Methods**.
* Design and implement **OAuth2**integration on **RESTful APIs** using **JWT** tokens to generate Refresh tokens, Access tokens and Authorization code.
* Used **JWTs** to authenticate and authorize the users against his credentials
* Developed **Microservices** to communicate using synchronous protocols **HTTP** and **REST.**
* Used **Spring** Framework including **Spring** Core/IOC, **Spring** **AOP**, **Spring ORM** and **Spring Batch,** developed Mid-Tier code and implemented the authentication, authorization, and access-control features by making use of **Spring** **Security.**
* Developed bean references in **spring** framework using **dependency injection (D/I)/IOC**
* Used **Spring Annotations** to simplify the business logic for creating **Spring MVC RESTful web services.**
* Used **spring boot** Actuator to externalize application's configuration properties for different environments
* Used **Spring Data JPA** for configuring the persistence layers in the application.
* Implemented **JPA** (ORM Mapping tool) framework using **Entity manager** to interact with the database to update, retrieve, insert and delete values effectively.
* Used **OpenAPI** for auto documentation of **REST Services** in **microservices**
* Implemented pre-authentication and data base security using **Spring security** and securing application access and **Spring Batch** for scheduling and maintenance of batch jobs.
* Configured **OpenAPI** registered **Micro service** with **Eureka** server to monitor service health check from **Spring Boot** admin console and **Spring Hystrix** dashboard.
* Implemented **Netflix Zuul API** gateway for the **REST** services and registering services to **Eureka.**
* Used **Apache Camel** for building real-time data pipelines and streaming of the application along with **Zoo Keeper** and achieved asynchronous messaging service**.**
* **Kubernetes** is configured in the application for automating deployment, scaling and management of containerized applications.
* Automated **AWSS3** data upload / download using **Python** scripts.
* Involved in designing and deploying multitude applications **AWS** stack (Including **Route53, Cloud front, S3, Elastic Beanstalk, ELB, RDS, AWS Aurora, VPC, IAM**) focusing on high-availability, fault tolerance, and auto-scaling in **AWS** Cloud Formation
* Utilized Cloud Watch to monitor resources such as CPU memory, Amazon **RDS** DB services, **ELB, EBS** volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
* Installed and Setup Web Servers (**Apache and Tomcat**), DB Server (**MySQL**)
* Migrated data from the previous database in SQL Server database to **Oracle** 11g.
* Worked with the DevOps team in designing and implementing one-click deployment of **Zookeeper** and **Kafka** cluster in the **AWS** environment for People Graph using Jenkins.
* Managed and supported **AWS** Security related issues, such **IAM** and **S3** policies for user access
* Used **JUnit** along with **Mockito** to achieve efficient test-driven development**.**
* Dockerized applications by creating Docker images from Docker file, collaborated with development support team to setup a continuous deployment environment using **Docker**
* Deployed **Spring Boot** based **microservicesDocker** container to **Amazon ECS through AWS** admin console.
* Setup the continuous Integration (**CI**) and continuous deployment (**CD**) jobs in Jenkins.
* Tested **REST** services using google chrome’s **POSTMAN** plugin.
* Implemented **Maven** Script to create **JAR, WAR, EAR & dependency JARS** and deploy the entire project onto the **Tomcat Application Server**.
* Prepared **Junit** and **Test NG** test cases and executed them as part of auto build process from **Jenkins** Jobs.
* Integration of Maven/Nexus, Jenkins with Patterns/Release, **Bit Bucket**.
* Used **Bit Bucket** for version control, experience with **git-bash and git-hub**
* Prepared **SQL/PL-SQL** scripts and **Stored Procedures** required to implement fine-tuned from DBAs
* Monitored the error logs using **Log4J** and fixed the problems.

**Environment:**

**Angular 4.0, HTML5, OAuth 2.0, JWT, OIDC**, **Microservices, Spring boot, Spring security, Spring Data, JPA, Swagger, Spring batch, Gradle, Jenkins, STS, Gulp, Jasmine, Apache Camel, Tuning, Apache Kafka, Amazon Web Services (AWS), REST-API, Bitbucket, Web Pack, Ec2, S3, RDS, EBS, Elastic Load Balancer, OpenAPI, Selenium, Jasmine, Junit, Log4j, Mockito.**

**Client: Century Link, Denver, CO Nov 2014 – Jan 2016**

**Role: Sr. Java Developer**

**Description**:CenturyLink, Inc. is an American telecommunications company, that provides communications and data services to residential, business, governmental, and wholesale customers. It is the third-largest telecommunications company in the United States in terms of lines served. This application which allows the clients to report an issue with service provided by company like system outage, an application error etc., Issues will be assigned to support staff which can be tracked by the client and the management to see how many billable hours spent to charge the clients.

**Responsibilities:**

* Involved in **Agile methodology** software development lifecycle involves - coding, testing and debugging.
* Created front-end user interfaces with **React JS** by creating many components and modules.
* Design patterns are extensively used to achieve the clean separation of different layers. Used different patterns like **Adapter, Singleton, Factory, Abstract Factory, MVC, DAO and Service Locator, Facade**.
* Good experience with **Microservices** (containers, load balancing, distributed cache**)**by using **Spring Ribbon.**
* Designed many front-end pages of the application using **HTML5**, **CSS-LESS**, **Bootstrap 4.0, AJAX.**
* For client-side view rendering services, used **React JS** and various predefined **Redux** libraries.
* Used **Redux-Store** and **Redux-Reduce** for holding the state tree of the application.
* Implemented **Node JS** as a server-side proxy for an event-driven model.
* Involved to implement various screens for the front end using **React.js** and used various predefined components from **NPM** (Node Package Manager) and redux library.
* Developed the application using **Spring Framework** to achieve **Dependency Injection** for loose coupling, modularity, easy unit testing.
* Building cloud **microservices** and implementing back-up using **Spring Boot**.
* Implemented crosscutting concerns using **Spring AOP**and data base security using **Spring Security technologies** like **JWT (Json Web Tokens).**
* Customized and simplified Open Stack dashboard services using REST API. Explored the capabilities offered by Open Stack, worked on Nova and Neutron component services by utilizing OpenStack4J API.
* Implemented **RESTful service** using **WADL** (Web Application Description Language) for modelling the resources provided by the services and relationships between them.
* Used **Rabbit MQ** to have a synchronous messaging service to deploy into cloud.
* Efficiently implemented platform as service technologies like **Pivotal Cloud Foundry (Pivotal Application Service**, **Container Service and Functional Service)**.
* Installed and configure **Hadoop**, **MapReduce, HDFS** (Hadoop Distributed File System), developed multiple MapReduce jobs in Java. Experienced in managing and reviewing Hadoop log files.
* Near-real time data stream processing workflow developed using Apache **Kafka** and Apache **Flume**.
* Worked with **Cassandra Node Connector** for database persistent to interact with **Cassandra DB.**
* **Hibernate ORM** framework is used to make connections with **MY SQL** Database.
* Experience in Migrating Data to **Oracle** database
* Documented APIs using OpenAPI Specification
* Used SQL extensively in command objects of Crystal reports.
* Used **Maven** as a build tool and retrieved all the dependencies required for the application.
* Testing for **NODE JS** is done using **Mocha** and **Cha**i and for spring boot used **Mockito, JUni**t, **Mock MVC** and thereby achieved **Test Driven Development**.
* Behavioral and integration testing is done using **Cucumber** and **Selenium** testing tools.
* Used Subversion for version control and **log4j** for logging errors.

**Environment:**

**HTML 5, CSS 3, Bootstrap, Angular JS 1.5, JavaScript, JSON, React JS, Maven 3.0, Spring 4.x, Hibernate 4.x, Restful Web Services, Microservices, WebLogic Application Server, Amazon Elastic Beanstalk, S3, Soap UI, IBM Lombardi, Jenkins, Git, Python, Django, jQuery, DOM, JAX-RS, Junit 4.4, Log4j, OpenAPI, Apache Kafka, MongoDB, Oracle, Agile Scrum**.

**Client: Federal Home Loan Bank, Des Moines, IA. July 2012 – Oct 2014**

**Role: Java Full Stack developer**

**Description**: Progressive Insurance is the regional property and casualty insurer. The project Payroll automation system was an in-house product that was developed to automate the functions and activities of employee services. This involved creating a web app, which would consume data from various sources.

**Responsibilities:**

* Developed and Analysis the **J2EE** application based on the Service Oriented Architecture.
* Involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Followed **Agile methodology** in the **Scrum Cycle** model.
* Implemented various features of spring framework such as **Dependency Injection, IOC, Annotations** and Spring integration with **Hibernate**.
* Implemented application architecture of the System based on **Spring MVC** (Model View Controller) and J2EE specifications.
* All the functionality is implemented using **Spring IO / Spring Boot, Thyme leaf** and **Hibernate ORM**.
* Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions** and **Spring security modules**.
* Implemented and developed UI components using **Angular JS** features like dependency Injection, Models, data binding.
* Worked on single page applications, components using **Angular JS**.
* Develop various screens for the front end using **AngularJS** and used various predefined components from **NPM**.
* Daily programming in server side by using **Angular Node JS** and **Express JS**.
* Worked on Front end by using **Angular JS** and **JavaScript**.
* Worked with **Angular JS** routers, forms, modules, Dom, events, expressions
* Have created the **angular** custom directives, Filters and Services.
* Built RESTful **Node JS** and Express API to communicate with AngularJS front-end for faster data transfer.
* Wrote test cases, created specs, page objects and undergone End-to-End testing for whole application using Protractor for AngularJS on **Node JS** command line.
* Developed pages using **JSF** features like converters, validators, ActionListener, custom components etc.,
* Involved in developing persistent layer using **Hibernate framework**.
* Worked on **Hibernate Transaction Management, Batch Transactions,** and **Hibernate DAO** to fetch data from the database using and carryout various databases.
* Published and consumed Web Services using **REST** and deployed it on **WebSphere**.
* Developing promotions **microservice** using Java, **Spring Boot**.
* Used **SOAP UI** for testing the web services, **App Dynamics** for application health and **JMeter** for stress testing.
* Created computing and data resources on **AWS** using **EC2**. Installed **Pivotal Cloud Foundry** on EC2 to manage the containers created by PCF.
* Used **Docker** to virtualize deployment containers and push the code to **EC2** cloud using PCF.
* Deployed **Spring Boot** based **microservices Docker** container using Amazon **EC2** container services and using AWS admin console.
* Exposed the **Web Services** to the client applications by sharing the **WSDL's**.
* Implemented **NoSQL** persistence pattern for some data within app to increase performance by indexing.
* Hands on Map-reduce functionality in **MongoDB** to maintain customer order tracking.
* Worked with core java technologies like **Multi-Threading** and **synchronization**.
* Multithreading was used to process data in chunks to improve performance.
* Extensively Involved with relational database development using stored procedures primarily in **Oracle** and **MS SQL Server**
* Handled Java **Multi-Threading** part in back-end component, one thread will be running for each user.
* Developed unit test cases using Mockito framework for testing accuracy of code and logging is done using **SLF4j + Log4j**.
* Used **CVS** as a documentation repository and version-controlling tool.
* Focused on **Test Driven Development (TDD)** thereby creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* **RAD** (Rational Application Developer) which is based on Eclipse, to develop and debug application code.
* Built scripts using **MAVEN** that compiles the code, pre-compiles the JSP’s, built an EAR file and deployed the application on the **WebLogic application server.**

**Environment:**

**Java, J2EE, JDK 1.6, RCP, WebLogic, AWS SDK, Ext JS, Git, JFC, Spring 4.x, Spring Boot, AWS SNS/SQS, Hibernate 4.x, Core Java, SOAP/Rest Web Services, JavaScript, UML, Web Services, HTML5, CSS, SASS, RAD 7, WAS 8 WSDL, JIRA 5.x/6.x, Linux, JMS, JSF, NOSQL(MongoDB), Angular JS, TFS, Microservices, JBoss 3.0, AJAX, Apache JMeter, jQuery, JUnit, Maven, Oracle 10g.**

**Client: GE Healthcare Anaheim, CA Nov 2010 - June 2012**

**Role: Java/J2EE Developer**

**Description:**GE Healthcare provides transformational medical technologies and services helping to deliver patient care to people around the world. GE Healthcare provides an online website for the customers. This web website is an e-commerce application which provides an online interface to manage user accounts for the customers to facilitate customers to view, purchase products and request services.

R**esponsibilities:**

* Used **OOAD** for building applications. Involved in gathering business requirements, analyzing the project and creating use Cases and Class Diagrams.
* Created sequence diagrams, collaboration diagrams, class diagrams, use cases and activity diagrams using Rational Rose for the Configuration, Cache & logging Services.
* Designed and developed the project using **MVC** design pattern and developed front-end using Spring MVC framework, business components using Spring.
* Developed Spring **MVC** validators to perform server-side business object validations.
* Implemented Tiles based framework to present the layouts to the user and has developed UI using view tags **(HTML), JSP, JavaScript,** and **CSS**.
* Developed responsive and interactive pages using **Angular JS** and **Node.js frameworks**.
* Used extensive **JQUERY** to perform form validation and **CSS** manipulation.
* Implemented Generic DAO using Spring **JDBC** to handle database operations on Similarly Constructed Tables.
* Developed user interface using **JSP,** JSP Tag libraries, **Spring** Tag libraries and **JavaScript** to simplify the complexities of the application.
* Developed Restful API with **Spring** Framework for benchmarking purposes.
* Implemented **Spring** framework in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.
* Worked on **Spring** Web Flow on **Spring MVC** to build an application from scratch using Spring **XML** configurations, annotations. Wrote controllers to handle incoming requests and send output to the UI Configured.
* Worked on the **JAVA Collections** API for handling the data objects between the business layers and the front end.
* Wrote authentication and authorization classes and manage it in the front controller for all the users according to their entitlements using Spring security.
* Implemented caching techniques, wrote **POJO** classes for storing data and **DAO**’s to retrieve the data and did other database configurations using Spring.
* Developed **SOAP-based Web Services** for Integrating with the Enterprise Information System.
* Worked on different ways to increase performance of the Application through use of methodologies like asynchronous calls to database, **stored procedures** in place of Dynamic SQL, etc.
* Involved in setting up **Jenkins** for continuous integration and continuous builds by polling the repositories.
* Developed **ant scripts** and developed builds using **Apache ANT.**
* Implemented JReport for annual report generation with charts.
* Implemented applications with support for **i18n** (internationalization).
* Developed unit test cases for the data access layer and business components using **Junit** and Easy Mock.

**Environment:**

**Java/J2SE 1.5, JSP, Servlets, JAXB, XSLT, DOM, XML, Spring 3.0, Web Services, JNDI, J2EE, JBoss6.0, Rational Rose, Spring, CVS, XML, Log4J, Oracle9i, Junit, Jenkins, Junit, JavaScript and DHTML.**

**Client:Model N India Pvt Ltd., Hyderabad Oct 2009 - Oct 2010**

**Role: Web Developer**

**Description:**Revenue Management is the application of disciplined analytics that predict consumer behavior at the micro-market level and optimize product availability and price to maximize revenue growth. The primary aim of Revenue Management is selling the right product to the right customer at the right time for the right price and with the right pack.

**Responsibilities:**

* Involved in Agile development process based on iterative development.
* Design development of presentation layers using **HTML, CSS, JavaScript and jQuery**.
* Worked with System Analyst and the project team to understand the requirements.
* Developed web pages applying best standards.
* Designed dynamic and multi-browser compatible pages using **HTML, DHTML, CSS** and **JavaScript**.
* Developed **UI** using **HTML, CSS, JavaScript and JSP** for interactive cross browser functionality and complex user interface.
* Used Spring Framework.
* Developed **Session beans** for functionality as per the requirement.
* Used **Spring MVC framework** for implementing the Web tier of the application.
* Used different Design patterns like **MVC pattern**, **DAO pattern**, and **singleton** to achieve clean separation of layers.
* Developed Custom tag libraries to separate presentation and processing logic.
* Worked on **Hibernate persistence tier**. This involves developing mapping files and Hibernate (POJOs/ DAOs).
* Responsible for creating the screens with table-less designs meeting W3C standards.
* Implemented **AJAX** to speed up web application.
* Applied **jQuery** scripts for basic animation and end user screen customization purposes.
* Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
* Extensively used **Ajax** calls to send parameters and fetch data based on the user-triggered events.
* Manipulated data to both send and fetch data from the server through **GET** and **POST** requests.
* Developed print functionality and download to Excel functionality.
* Prepared Unit test cases for existing functionality as per the requirement and execute the same.
* Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript validation controls.
* Used **SVN** as version control.
* Used **Lo4j** debugging tool to monitor the Error Logs.
* Involved in developing **SQL** queries, **stored procedures**, and **functions**.

**Environment:**

HTML, XML and SQL, CSS, JavaScript, JQUERY, JSP, Spring MVC, Hibernate, AJAX, JAVA, Servlets, JDBC, SVN.