|  |
| --- |
| **SHARATH CHANDRA**  **(515)-423-0034**  [**sharath.javadev@gmail.com**](mailto:sharath.javadev@gmail.com)  Sr. Java Full Stack Developer |

**SUMMARY:**

* Over **7+** years of strong software experience in design, development and deployment of web-based and Client-Server business applications using **OOP, Java/J2EE technologies.**
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development(TTD), Incremental** and **Iteration methodology, Agile Development**&**Testing usingSoftware Development Life Cycle.**
* Expertise in developing **SOA** (Service Oriented Architecture), **REST** and **J2EE ++** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Extensive experience in designing professional UI web applications using front-end technologies like AngularJS, Node.js, Angular 2/4, HTML5, CSS3, JavaScript, jQuery AJAX, JSON and Bootstrap.
* Experience in Service Oriented Architecture (SOA), **Web Services Integrations**, **BPM, BPEL** and **ESB** using **WebSphere Process Server**, **ESB**, **Web Sphere Integration Developer**, **Data Power** and **WSRR.**
* Transaction implementation (CMP, BMP, Message-Driven Beans), JMS, **Struts, Spring, Swing, Hibernate, Java Beans, JDBC, XML, Web Services, JNDI, Multithreading etc.**
* Strong experience in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul Proxy.**
* Proficient in applying design patterns like **MVC, Singleton, Session Facade, Service Locator, Visitor, Observer, Decorator, Front Controller, Data Access Object.**
* Proficient in frameworks like **Struts, Spring, JSF, AJAX frameworks** and **ORM** frameworks like **Hibernate**.
* Experience with Front end frame works with its components such as **AngularJS, jQuery, NodeJS, BackboneJS, ReactJS.**
* **Used Node.Js and JQuery for Dom manipulation.**
* Expertise in **XML** technologies such as **XSL**, **XSLT**, **XML schemas**, **XPath, XForms, XSL-FO** and parsers like **SAX, DOM.**
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB, Cassandra** and **CouchDB**.
* Experience in database modeling, design and development of **PL/SQLQueries, Stored Procedures, Triggers, Cursors, Functions and Packages** in relational databases: **Oracle 11g, SQL Server 2005/2008, DB2 and MySQL.**
* Experienced with Hibernate/JPA Entities for mapping HQL, HSQL Named Queries, Criteria, Projections.
* Developed applications using latest technologies **like Spring 3.x/4.x, Hibernate3.2/4.x, REST** based Web services **(Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG)**, **jBPM** tools.
* Performed advanced procedures like text analytics and processing, using the in-memory computing capabilities of Spark using Scala.
* Worked in Building application platforms in the Cloud by Amazon Web Services.
* Experience in using ORM tools like Hibernate, **iBATIS,**Mybatis for XML mappings and Java Objects.
* Experience in software configuration management using **CVS**, **SVN, GitHub** and **IBM ClearCase**.
* Experience with **CICD-Ant, Maven, Gradle, Jenkins, Hudson, CVS, Git, GitHub.**
* Experience in working with web servers like **Tomcat 8, IBM WebSphere8.0, Jetty, JBoss 7.1.0** and **WebLogic 10.0**.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language (HQL), HSQL Named Queries, Criteria, Projections**.
* Hands on experience with build tools like **Ant, Maven, Gradle** and Logging tools like **Log4J** and **Splunk**.
* Experience in testing with **JUnit Framework using Mockito** and **Easy Mock, Spring Junit Runner, JMeter.**
* Expertise in several testing environments like **JUnit, Selenium, CURL, Jenkins, SoapUI** and **System Testing**.
* Responsible for support and maintenance, implemented **Spring Batch** for huge number of transactions.
* Experience in creating **Docker** images, Containers, push/pull and integrating with **Spring Boot**.
* Expertise with employment of **Spring Kafka** and **Zookeeper** apart from **JMS** as messagingservice.
* Proficient in using **Amazon Web Services (AWS).** Extensive experience focusing on services like **EC2, Elastic Beanstalk, CloudWatch, CloudFront, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI.**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Programming Languages | **Java 1.8, SQL, PL/SQL** |
| Java/J2EE Technologies | **Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking** |
| Application/Web Servers: | **Apache Tomcat 8.0, IBM WebSphere 8.0, JBoss 7.x, Oracle/BEA WebLogic 12.x/10.x/9.x** |
| Web technologies | **JSP, JavaScript, jQuery, AJAX, Angular JS, XML, HTML 5, CSS 3, ReactJS, BackBone.JS 1.3.1, Node JS 6.0.** |
| Frameworks | **Spring 4.3, Hibernate 4.3, Angular JS 1.0/2.0, Spring Security 3.2** |
| Web Services | **SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS** |
| IDE | **Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.9.3** |
| Cloud Environments | **Azure, AWS, Netflix Eureka, Mesos, Kubernetes.** |
| XML Tools | **JAXB, Apache Axis, AltovaXMLSpy** |
| Methodologies | **Agile, waterfall, TDD (Test-Driven-Development), Scrum** |
| Modeling Tools | **UML, Rational Rose, Visio** |
| Testing technologies/tools | **Junit, Selenium, TEST NG, Mockito, Cucumber, JMeter, RFT** |
| Relational Database | **Oracle 11g/12C, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1** |
| NoSQL Databases | **MongoDB, Cassandra, Couch DB** |
| Version Control | **CVS, SVN, Rational clear case, Git, BitBuket** |
| Build Tools | **Maven 3.3.9, Gradle 3.4.1, Ant 1.10** |
| Platforms | **Windows 10, UNIX, Linux** |

**PROFESSIONAL EXPERIENCE:**

**Client: Premier Health Care, Charlotte, NC**

**Title: Java Full Stack Developer**

**Duration: Jan 2018 – Present**

**Description:** Premier is a United states-based company and this website includes content and material explicitly for the united states and north American market. This website also uses session cookies and 3rdparty applications such as Google Analytics, Facebook Pixel, Twitter, and other tools to provide an enhanced browsing experience.

**Responsibilities**

* Worked in an Agile Environment and participated in requirement gathering, analysis and design.
* Developed user interface using **HTML5, Angular 4, jQuery** and performed client-side validations using **Java Script, AJAX, JSTL** and **CSS** for making the Web Pages dynamic.
* Used **Bootstrap** and media queries to create a Responsive Webpage across different screen-sizes.
* Developed a Single Page Application which can switch to different components using **Angular 4**services to get data.
* Involved in converting SQL queries into Apache Spark transformations using Apache Spark RDDs and Scala.
* Published and consumed stream of records using Producer and Consumer APIs with Spring for Apache Kafka.
* Used **Ajax** for sending and retrieving data from server by giving URL to get **JSON** data for models and to populate models from the server, Used **AngularJS** to create views to hook up models to the **DOM** and synchronize data with server as a **SPA**.
* Built NoSQL schemas and maintained sessions by Mongo DB.
* Worked on Mongo DB database concepts such as locking, transactions, indexes, replication, schema design.
* Used AngularJS to create Controllers to handle events triggered by clients and send request to server.
* Involved in the development of project back-end layer using by most of core java features such as **Collection frameworks, Interfaces, Multi-threading, and Exceptions.**
* Implemented Router Module of Angular 5 to make the whole project a Single Page Application and add routers,
* Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Implemented various features of **spring** framework such as **Dependency Injection**, **IOC**, **Annotations** and **Spring integration** with **Hibernate**.
* Integrated application with **Spring Security for form-based authentication and authorization** by using spring security
* Implemented Reactive Form of Angular 5 to deal with form validation issues.
* Stored **authentication and authorization** detail in database, used these DB authorization detail with spring security annotation on method for apply method level spring security.
* Implementing or exposing the Micro services to base on **RESTful API** utilizing Spring Boot with Spring MVC.
* This functionality is implemented by developing RESTFUL web services using **Spring boot, Spring RESTFUL template.**
* Used **Spark -Streaming** APIs to perform necessary transformations and actions on the fly for building the common learner data model which gets the data from **Kafka** in near real time.
* Created and Consumed Web Services using **Restful & SOAP** web services.
* Experience in working with **Spring Quartz framework** and developed various quartz jobs.
* Worked on **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka**, **Zookeeper** to establish communication between the **Microservices** in the application environment.
* Implemented **Microservices** architecture with **Netflix, Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to another **Microservices** for making application in to smaller chunks and the **Spring Hystrix** as circuit breaker and for the fail-safe
* Deployed **Docker** contained Spring boot micro services in to **AWS EC2** container service using AWS admin console and used **lambda** to run applications in AWS console.
* Implemented **Swagger** for the Rest API. I have good experience in **Docker** to deploy applications quickly, setup CICD pipeline and I have used **Docker** consoles for managing the application life cycle and monitored on **Git**.
* Experience with building **Docker** Images and running them on **Docker** container.
* Configured and Maintained **AWS ECS** Repository for Deploying **Docker** Image by Creating a task definition, scheduling tasks and configuring clusters in the **AWS ECS** Console, Experience In setting up of **AWS RDS** and **Dynamo DB** instances
* Developed code with Java SDK to connect with **AWS Services**. Worked with S3 for storing and retrieving data stored in the S3 bucket's, **AWS SQS** for bulk email processing, Data backup and archiving on AWS using S3 and Glacier and Dynamo DB to store the data for metrics and backend reports.
* Used **AWS** SDK for connection to **AmazonS3** buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Implemented Continuous Integration of **automation framework** using tool **Jenkins**
* Used **Log4j** for logging and debugging and used JUnit extensively for testing.
* Database development required in creation of new tables, **PL/SQL stored procedures**, **functions**, **views**, **indexes** and **constraints, triggers** and required SQL tuning to reduce the response time in the application.
* Used **Mockito** Framework for **JUnit**.
* Implemented Continuous Integration of **automation framework** using tools like **Jenkins**.
* Integration of **automation** batch run job with **Jenkins**. Worked with Jenkins Continuous Integration(CI) tool.
* **Deployed the application on Tomcat 8.0 application server.**

**Environment: Java 8, Spring 3.5, Hibernate 4.2, Spring batch, Spring quartz, Spring security, Spring Jta, Spring Boot, JPA, Java Scripts, AngularJS 4.0, HTML5, CSS,** **Spark, JMS, AWS (S3, VPC, EBS, ELB, Auto Scaling, Cloud Watch, Cloud Trail, IAM, SNS, SQS, RDS, DynamoDB), Tomcat Application Server 8.0, Eclipse, Kafka, SOAP, Restful, Maven, log4j, JUnit, XML, Splunk, SVN**

**Client: Wells Fargo Bank - TX**

**Title: Java Full Stack Developer**

**Duration: Jan 2017 - Dec 2017**

**Description:** Wells Fargo is one of the largest financial services companies in the United States. Loan Automation Module (LAM) was established to support Wells Fargo's customers by allowing them to apply for auto loans online. This project is an enhancement to the current offering and is a redesign of the application.

**Responsibilities**

* Involved in all phases of the **Software development life cycle (SDLC)** using **Agile Methodology.**
* Developed business components using core java8 concepts and classes like Inheritance, Polymorphism, Collections, Serialization and Multithreading etc.
* Documentation functional specifications using **Use case diagrams**, **Object diagrams**, **Class diagrams**, and **Sequence diagrams** using **UML**.
* Implemented and developed UI components using **Angular JS features like dependency Injection, Models, data binding and controllers.**
* Near-real time data stream processing workflow developed using Apache Kafka and Apache Flume.
* Developed test cases for **Angular JS using karma and grunt**
* UI design and development using **JSF, richfaces and myfaces.**
* Extensively used **Java server Faces (JSF)** Navigation rules and JSF tags for enhanced user Interface.
* Developed Interactive web pages using **AngularJS, ReactJs, HTML, CSS** and **JavaScript.**
* Develop various screens for the front end using React **JS** and used various predefined components from NPM (Node Package Manager) and **React Redux** library
* Responsible for the **technical direction and implementation** of the **Spring Batch framework** according to new design with **spring security**.
* Designing and developed Microservices using (MEAN Stack) Node.js, Mongo DB, Neo4J, Elastic search on Cisco Private Cloud OpenStack Platform using Express.js.
* Responsible to **support the operations, monitoring & reporting according** to the requirement of higher management team by making **Splunk Dashboards**.
* Developed **ApacheSpark** jobs using **Java** in test environment for faster data processing and used **Spark SQL**
* Implemented the MVC architecture using Backbone.js, Node.js and Angular.js, React.js.
* Integrated application with **Spring Security for form based authentication and authorization** by used spring security jsp tags to provide UI level spring security.
* Stored **authentication and authorization** detail in database, used these DB authorization detail with spring security annotation on method for apply method level spring security.
* Used Node JS for heavy DOM manipulation.
* Implementing security **Single Sign-On application** to share user management, authentication and authorization among multiple applications.
* Implemented **Dynamic batch feature** for batch processing with **Spring batch.**
* Worked extensively on batch **job schedulers for Pausing and Resuming job features** according to the business need.
* Experience in working with **Spring Quartz framework** and developed various quartz jobs
* Implemented Dynamic job scheduling according to the business need (daily, weekly, monthly etc.) same using **Quartz scheduler**.
* Worked on Spark SQL, created Data frames by loading data from Hive tables and created prep data and stored in AWS S3.
* Using Spark -Streaming APIs to perform transformations and actions on the fly for building the common learner data model which gets the data from Kafka in near real time and Persists into Cassandra.
* Implementing or exposing the Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Used Annotations for Spring DI, Auto wiring and Spring MVC for REST API s and Spring Boot for Microservices.
* Coordinated Kafka operations and monitoring (via JMX) with Dev ops team.
* Integrated with the [Polymer-CLI](https://github.com/Polymer/polymer-cli) tool, for obtaining featured Progressive Web Application
* Developer **Spring Quartz** jobs to run the backend jobs and generated reports.
* Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions and Spring security modules.**
* This functionality is implemented by developing RESTFUL web services using **Spring boot, Spring RESTFUL template**
* Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other Lambda functions.
* Worked on the following AWS services like **EC2, S3, VPC, EBS, ELB, Auto Scaling, Cloud Watch, Cloud Trail, IAM, SNS, SQS, RDS, DynamoDB, etc**.
* Implemented the application using **design patterns** such as **Session Façade**, **Business Delegate**, **Bean Factory**, **Singleton**, **Data Access Object**, and **Service Locator**.
* Implemented **Hibernate Template** to great extent making use of **HQL**, **Named Parameters**, **Named Queries** and **interfaces** such as **Expression**, **Query** and **Criteria**.
* Administered and deployed applications into **WebSphere Application Server**.
* Used **SAX** and **DOM** parser to parse the XML documents and **XSLT** for transformations.
* Worked with core java technologies like **Multi-Threading and synchronization.**
* Handled Java **Multi-Threading** part in back-end component, one thread will be running for each user, which serves that user
* Implementation of **Thread pool** and **locks** for concurrency management.
* Involved in creating **test cases** using **JUnit** strictly following Test Driven Development (TDD) methodology.
* Used **JUnit, Mocktio and Power Mocks** framework for unit testing of application and implemented Test Driven Development **(TDD)** methodology.
* Worked on **SOAP Web Services** using **SOAP** for transmission of large blocks of **XML** data over **HTTP**.
* Used **Maven**, **Nexus** and **Jenkins** to automate the build and deploy process.
* Involved in testing the **JMS** integration between queues and topics using **GEMS**.
* Used **Mockito** Framework for **Junit**.
* Used **JUnit** for unit testing of the application and **log4j** for logging.

**Environment: Java 8, Spring 3.5, Hibernate 4.2, Spring batch, Spring quartz, Spring security, Spring Jta, Spring Boot, JPA, Java Scripts, AngularJS, HTML 4.0, CSS, JMS, JAXP (SAX & DOM),AWS, Spark, Mongo, WebSphere Application Server, Eclipse/RAD 8.0, Oracle 11g, SOAP, RUP, Kafka, Maven, log4j, Polymer, JUnit, XML,MongoDB, Web Services , ILogJRules 5.0, Splunk, GIT.**

**Client: Amtrak, Washington, DC**

**Title: Java Developer**

**Duration: Oct 2015– Dec 2016**

**Description:** Amtrak is a National Railroad Passenger Corporation providing Travel and distribution services offering passenger railroad service that provides medium- and long-distance intercity. Amtrak also is the operator of choice for state-supported corridor services in 15 states and for four commuter rail agencies. Amtrak's overall goal of providing quality inter-city and commuter services to the public for that we developed an application to promote full and open competition in the procurement of goods and services and to procure quality goods and services in a reliable and timely manner at a reasonable cost.

**Responsibilities:**

* Developed the **J2EE** application based on the **Service Oriented Architecture.**
* Used **Design Patterns** like **Singleton, Factory, MVC, Intercepting Filter, Front Controller, Business Delegate, Service Locator, Session Facade and DAO.**
* Developed using new features of **Java 1.5** like Annotations, Generics, enhanced for loop and Enums.
* Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Used **Spring Inheritance** to develop beans from already developed parent beans.
* Worked on **Spring Quartz** functionality for scheduling tasks such as generating monthly reports for customers and sending those mails about different policies.
* Developed Microservices using Spring Boot, Spring Cloud with Netflix Eureka to create the discovery Server, service,discovery clients and integrated Apache Kafka and Zoo Keeper as message broker.
* Used **DAO pattern** to fetch data from database using **Hibernate** to carry out various database.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.**
* Created **session EJBs** that retrieved information from the Oracle database using **Hibernate**.
* Defined **Action Forms, Model Components** using **Struts MVC** framework providing very clean division between controllers, flexibility with the use of interfaces and providing thin web layer over business layer.
* Developed various generic **JavaScript functions** used for validations.
* Developed screens using **JSP**, **JavaScript**, **AJAX** and **Ext JS.**
* Used **JIRA** for defect tracking and project management.
* Developed Spark scripts by using Scala IDE as per the business requirement.
* Collected the JSON data from HTTP Source and developed Spark APIs that helps to do inserts and updates in Hive tables.
* Used **AJAX** extensively to implement front end /user interface features in the application.
* Implemented SOA to develop **Web services** using **Apache Axis**.
* A set of Web Services was created using **CXF** to handle SOAP requests with HL7 payload and addressing
* Developed **Web Services clients** to consume those Web Services as well other **enterprise wide Web Services.**
* Exposed the **Web Services** to the client applications by sharing the WSDL’s.
* Configured **Selenium** WebDriver,**TestNG**, Maven tool and created selenium automation scripts in java using Test NG prior to agile release.
* Created logical and physical data models putting to practice, concepts of **normalization** and **RDBMS.**
* Database development required creation of new tables, **PL/SQLstored procedures**, **functions**, **views**, **indexes** and **constraints, triggers** and required SQL tuning to reduce the response time in the application.
* Followed Agile SCRUM methodology and used Test Driven Development (**TDD**).
* Used **Rational Application Developer (RAD)** which is based on **Eclipse,** to develop and debug application code.
* Used Ant scripts to build and deploy the applications in **JBoss** application Server.
* Used **Log4j** utility to generate run-time logs.
* **CVS** was used for project management and version management.
* **Deployed the application on WebSphere 7.0 application server.**
* Developed Functional Requirement Document based on users’ requirement.

**Environment: J2EE, Spring framework, Spring MVC, iBatis 2.2, JSP 2.0, JSF, Servlets 2.3, JDBC, AJAX, Web services, SOAP, XML, Java Beans, XStream,** **Spark, Apache POI, Ext JS, jQuery, JavaScript, Oracle 10g, IBM RAD, WebSphere 7.0,Data Grid, Agile Methodology, TDD, Selenium, Design Patterns, Kafka, CVS, Apache Maven, JUnit, HTML, XSLT, HTML/DHTML.**

**Client: Mass Mutual financial group - Enfield, CT**

**Title: Java Developer& UI Developer**

**Duration: Jan 2013 – Aug 2015**

**Description:** The Mass Mutual New Business System is the industry's most advanced and comprehensive new business processing and underwriting system for life insurance. MMNBS accommodates Term life insurance products. The information is collected from both the end-customer and agent through web-based e-forms, as well as from external data sources for background checks. The framework encompasses the features like Developing Products and Plans, Case Management, Creation and management of requirements, Underwriting Management, Approval and Issue, Settlement.

**Responsibilities**:

* Collaborate closely with business owners, users, project managers, requirements analysts, testers, and other stakeholders in the software development process
* Middle tier development using **Java** in a **J2EE** environment
* Developed the presentation layer written using **JSP, HTML, CSS** and client-side validations were done using **JavaScript, jQuery,** and **JSON**.
* Designed a responsive website using **Bootstrap** grid system to layout contents that fit different devices including **mobile, tablet** and **desktop.**
* Created connections to database using **Hibernate session Factory**, using **Hibernate APIs** to retrieve and store images to the database with **Hibernate transaction control**.
* Migrated the **Servlets** to the **Spring** Controllers and developed Spring Interceptors, worked on **JSPs, JSTL,** and **JSP Custom Tags.**
* Created a **NoSQL** styled framework in Java for use in their minified version of the member site.
* Developed and flexible, scalable, utilizing open source technologies like **Hibernate ORM** and **Spring Framework.**
* Used **Bootstrap** for making the pages responsive with the changes in User Interfaces.
* Implemented **Grunt** to build minified application and deploy.
* Designed a responsive website using **Bootstrap** grid system to layout contents that fit different devices including mobile, tablet and desktop.
* Customize the **Shindig** code to meet the project requirements. **Shindig** is an open source framework for web based application.
* Designed and Developed **Web Services** using technologies **UDDI, WSDL, SOAP** to communicate to the other modules.
* Estimate effort for completing new features, enhancements, and defect fixes
* Used Source tree- Bit Bucket as version control
* Participate in design review and code review activities of the team.
* Participate in build script **(UNIX shell script)** preparation and release management.
* Deployment activities involved in Jetty and **Apache Tomcat web servers**
* Performed application development using tools like **Intellij, JUNIT, Clear Case** and **ANT** for building application.
* Maintain and monitor the web services in production and act as a primary support for any issues coming out of these web services.

**Environment: Java/J2EE, Spring framework, Spring MVC, iBatis 2.2, JSP 2.0, JSF, Servlets 2.3, JDBC, AJAX, Webservices, SOAP, XML, Java Beans, XStream, Apache POI, Ext JS, jQuery, JavaScript, Oracle 10g, JBoss, Agile Methodology, Design Patterns, Bit Bucket, Apache Maven, JUnit, Html, XSLT, HTML/DHTML.**

**Client: United Telecom Limited, Bangalore, India**

**Role: Jr. Java Developer**

**Duration: Jun 2011 – Dec 2012**

**Description:** United Telecom Limited is an Indian company which specialize in networks of telecommunication which is based in Bangalore India.

**Responsibilities:**

* Involved in gathering and analyzing system requirements.
* Played key role in the high-level design for the implementation of this application.
* Developed the Training and Appraisal modules using Java, JSP, Servlets and JavaScript.
* Developed UI using java swings.
* Created tables, Views, Types, triggers, complex join queries, stored procedures, and functions and modification to exciting database structure as required for addition of new features.
* Involved in Designing the Database Schema and writing the complex SQL queries.
* Involved in Code reviews for other modules developed by peers.
* Designing and establishing the process and mapping the functional requirement to the workflow process.
* Accessed stored procedures and functions using JDBC Callable statements.
* Deployed the applications on IBM Web Sphere Application Server 6.0.
* Executed and coordinated the installation for the project.
* Worked on web-based reporting system with HTML, JavaScript and JSP.

**Environment: Java, Jdk 1.3, J2EE (JSP, Servlets, EJB), JDBC, Apache Tomcat, oracle, HTML, DHTML, IBM Web Sphere 6.0, SQL and JUnit.**

**Client: Marfic Software Solutions - Bangalore, India**

**Title: Software Engineer**

**Duration: May 2010 - May 2011.**

**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:**

* Gathering specification, designing the system, development, testing and implementing the system. Collecting the requirements from end users.
* Preparing the Detailed Design Documents, which contains the Class Diagrams and Sequence Diagrams for the complex use cases.
* Developing **Struts** based applications in an Extreme Programming environment.
* Developing interactive web components using **AJAX**.
* Implementing the saving of definitions and dynamic population of data using AJAX.
* Creating and hosting web services for data exchange of different systems.
* Developing the web interface using **MVCdesign pattern** with **Struts** framework.
* Implementing the Java related portions of the application including **EJBs** for encapsulating business logic.
* Designing and Implementing Server Objects using **Java Servlets, JDBC**.
* Preparing/Reviewing Use cases, **UML** diagram.
* Developed commonly used client side validation using **Java script.**
* Involved in implementing the batch processing using **shell scripting** and thus processing the XML files received from the external application though the FTP server.
* Developed build script using **ANT** to build, package, test and deploy application in web sphere application server.
* Developed SQL queries and utilized stored procedures and triggers to perform transactions with **Oracle** DB.
* Used clear case for version controlling management.
* Involved in writing the **XSL files** to transform the user defined GUI Component data to render view.
* Prepared and updated the build scripts using **Ant Tool**.

**Environment: JSP, Servlets, EJB, JMS, XML, XSLT, Log4j, Struts, Tiles, AJAX, HTML, CSS, Eclipse, Rational Rose, JUnit, Ant, CVS, RAD, IBM Web Sphere Application Server, Oracle, UNIX, Windows XP.**