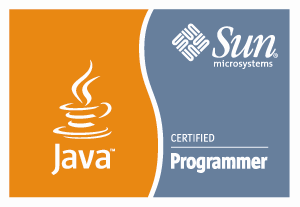
** Harshavardhan M**

**Email: harshavardhanm015@gmail.com**

**SR.JAVA/J2EE DEVELOPER • FULL STACK/API DEVELOPER**

**Phone: (605)-644-6869**

**OBJECTIVE:**

**Over 8+ years of experience and backed with rich domain knowledge and practical knowledge of several IT technologies, I seek a career with challenging assignments to amalgamate personal enrichment with professional goals.**

**PROFESSIONAL SUMMARY:**

* Experience working with various SDLC methodologies based on **Agile**/**SCRUM** like **Test Driven Development (TTD), Incremental** and **Iteration methodology, Pair Programming, Agile Development.**
* **Developed UI modules using AngularJS, Node.js,React JS, Bootstrap,JavaScript, Ajax, jQuery, CSS3 and HTML5**
* **Experienced in Full stack UI technologies using Grunt JS, Gulp Server, Yeoman generator for Angular.**
* **Expertise in using inbuilt and custom AngularJS directives and filters to add functionalities to the web page.**
* Experience in **Angular 1.5/2.0** along with Bootstrap, CSS3to create reusable components for RWD applications.
* **Proficient in using Amazon Web Services. Extensive experience focusing on services like EC2, Elastic Beanstalk, CloudWatch, CloudFront, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI.**
* **Developed core modules in large cross-platform applications using JAVA, J2EE, Spring 3/4/Boot, JSF, iBATIS, Hibernate, JSP, Servlets, EJB, JDBC,SOAP, REST, Microservices.**
* Experience in using **IDE** tools **NetBeans**, **Eclipse**, **IntelliJ**, configuring and deploying the applications on **Tomcat**, **GlassFish**, **WebSphere**, **WebLogic** and **JBoss Servers**.
* **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 Netflix, Spring Batch.**
* **Developed applications using latest technologies like EJB3.2, 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.**
* Proven expert level experience in design and developing BRMS and BPM systems using JBoss Drools Expert, Drools Guvnor, Drools Planner and **jBPM.** **jBPM3**/**jBPM6** Knowledge of EJB, Web services and Servlets.
* **Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes using Hibernate Query Language, HSQL Named Queries, Criteria, Projections.**
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator**

**Session Facade, DAO, DTO, and Business Delegate** in the development of N-Tier distributed Enterprise Applications.

* **Experienced with XML related technologies such DTD/Schema,XML, XSLT, and XPATH.**
* **Experience in database modeling, design and development of PL/SQL stored procedures**
* **Databases: Oracle 9i / 10g / 11g, SQL Server, DB2, PostgreSQL and MySQL and NoSQLMongoDB**, **Cassandra**.
* **Experience in working with web servers like Tomcat 8, WebSphere 8.x/9.x, Jetty, JBoss7.1.0 and WebLogic 10.0.**
* **Experience with open source Java EE implementation like Glassfish.**
* **Experience in CICD-Ant, Maven, Gradle, Jenkins, Hudson, CVS, Git, GitHuband Logging tools Log4J and Splunk.**
* **Experience in testing with JUnit Framework using Mockito and Easy Mock, Spring Junit Runner, JMeter.**
* **Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot.**
* Expertise with employment of **Apache Kafka** and **Zookeeper** apart from **JMS** as messaging service.
* Experience using secure authentication mechanisms like **LDAP, SASL** and **Kerberos v4.**
* Expertise in selenium automation using **Selenium WebDriver, Selenium Grid, Junit & Maven.**

**TECHNICAL SKILLS:**

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| **Programming Languages** | **Java 8.0/7.0/6.0/5.0, C, C++, PL/SQL** |
| **Java/J2EE Technologies** | **Servlets, Spring, EJB, JPA, JDBC, JSP, JSTL, JNDI.** |
| **Frameworks** | **Spring 4.3, Hibernate 2.0/3.0/4.x, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, Jenkins, WebSphere MQ** |
|  |  |
| **Relational Databases** | **Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1** |
| **NoSQL Databases** | **MongoDB, Cassandra** |
| **Internet Technologies** | **HTML 5, JavaScript 1.8, XML 2.0, CSS 3 and CSS 4, jQuery 2.11, Angular JS 1.0/1.5/2.0, LDAP, Node JS 6.0.** |
| **Cloud Environments** | **Azure, AWS, Netflix Eureka, Mesos, Kubernetes.** |
| **IDE** | **Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3,RAD 6.0/7.0** |
| **Operating system** | **Windows 10, Linux Mint 18.1, Unix** |
| **Testing &Bug tracking Tools** | **JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36, Selenium,Cucumber** |
| **Reporting Tools** | **Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0** |
| **Methodologies** | **Agile, waterfall, TDD (Test-Driven-Development), Scrum** |
| **Developer IDE Platforms** | **Eclipse, JBuilder, Net Beans 8.0.2, IntelliJ 2017.1, 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, JAX-WS, JAX-RPC, JAX-RS, Apache Axis** |

**TECHNICAL EXPERIENCE:**

**Monsanto, Tifton, GA**

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| **Sr. Java/J2EE and Full Stack Developer Mar 16 - Present** |

**Description:** It is a Pharmacy application, which is used by Monsanto. This application allows agents and customers to process their prescriptions (In-store/Web). The web application allows the customers to send their prescriptions and get them shipped (home/nearby store), payments can be done.

**Responsibilities:**

* Involved in the analysis, design and development phases of the **Software Development Life Cycle** (SDLC) using **Agile (SCRUM**) development methodology to deliver regular updates to business team and project managers.
* **Developed UI pages using HTML5, Angular 4.0, Bootstrap, CSS3, JavaScript and NodeJS.**
* Used Selectors, Events and Dom Manipulation components in **Angular 2.0directives, filters, services.**
* Used **NodeJS** for doing non-blocking design operation for server-side code.
* Implemented **jQuery** to develop the widgets and to perform the client-side validations, UI centric **Ajax behavior**.
* **Implemented design patterns like MVC, Singleton, Business Delegate, Factory, and Service Locator.**
* Developed RESTful web services using **Spring MVC REST framework** and **JAX-RS**.
* Used **Spring MVC Rest Controllers**, Services along with Dependency Injection, **Spring JMS** and **Spring Security**. Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status.
* Experienced in upgrading to **Spring RESTFul Microservices from Monolithic Services (SOA)**
* Implementing or exposing the **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Experienced in logging with **ELK Stack** by using **Elasticsearch, Logstash,** and **Kibana**.
* **Using Swagger UI registered micro services, monitored service health check from Spring Boot admin console.**
* **Used OAuth 2.0** authentication protocol respectively for **security** and **authorization**.
* **Experienced circuit breaker patterns and fail safe in Spring Boot Micro Service applications using Hystrix and monitored the services using Hystrix Dashboard.**
* **Worked on implementing application security including User Management, LDAP authentication, authorization.**
* **Expertise in MVC Architecture using JSF and Struts framework and implementing custom tag libraries.**
* Experience in **Normalization** and performance tuning with **Oracle database**. Designed and developed file upload and file download features with **Oracle BLOB and CLOB.**
* **Experienced HQL, Named Parameters, Named Queries and Interfaces such as Expression, Query and Criteria for implementation of Hibernate template and extensively used Hibernate Cache.**
* **Worked on Hibernate mappings, EH cache, Lazy loading transactions and Lockings.**
* Wrote SQL **queries, stored procedures, triggers, views, packages and** enhanced performance with explain plans.
* **Developed DAO layer using Cassandra and** expertise in **CQL (CassandraQuery Language)**, for retrieving the data present in Cassandra cluster by running queries in **CQL**.
* Used **Executor Service multithreading** to implement **Thread pool, parallel processing** to run processes asynchronously using future calls to access the data.
* Developed using new features of **Java 1.8 annotations**, **Generics**, enhanced for loop and Enums.
* Used advanced java 8 features like **Lambda expressions** for array operations, **Streams, Method reference, collections**. Enhanced concurrency methods etc. throughout the application for well-defined programming.
* Extensively worked on **Drools Rules Engine** and Expectation Engine for writing Business Rules Validation.
* Deployed Spring Boot based micro services into **Docker container** using **Amazon EC2** container services.
* Developed API for using **AWS Lambda** to manage the servers and run the code in the **AWS.**
* Used **AWS Cloud watch** in alerting, maintaining and monitoring of production and corporate servers/storage.
* **Experience with building Docker Images and running them on Docker container.**
* Configured and administered **Jenkinsfor CI/CD** into **Tomcat** Application Server.
* Designed and configured management reports and dashboards using **Splunk**.
* Worked on Test automation framework using **Selenium** web driver.
* Familiar with **Cucumber, Selenium Web Driver, Selenium** commands and **X-path** and developed **grunt** tasks to run the unit tests on **Jenkins** and Used **JIRA** to assign, track, report and audit the issues in the application.
* **Worked with several testing frameworks such as Junit and Mockito.**
* **Used Eclipse based Spring Tool Suite (STS) for development and debugging Spring Boot applications.**

**Environment: J2EE, Spring MVC, XML, AJAX, Angular 4, Node JS, AWS, JavaScript, Hibernate, Cassandra, Bootstrap, JIRA, Spring Boot, Web services, Micro services, AWS,ELK stack, Maven, LDAP, HTML5, JSF, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cucumber, STS.**

**State Farm Insurance, Atlanta, GA**

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| **Sr. Java/J2EE Full Stack Developer Nov 15 – Feb 16** |

**Description:** The Auto Insurance Application allows customers to access their account online. This application provides employers to access customer information to process & authorize claims of the customers and generates free quotes for the customers depending on the type of insurance package they selected. It also facilitates customers to pay their monthly premiums.

**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, JSON, jQuery** and **AJAX**.
* **Used React.JS 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, Node.js** in implementing various GUI components in application portal.
* **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.**
* **Service Oriented Architecture(SOA) was exposed through RESTful web services with loose coupling between layers using Spring framework during development.**
* **Involved in writing JSP and JSF components. Used JSTL Tag library (Core, Logic, Nested, Beans and Html taglib's) to create standard dynamic web pages.**
* **Authenticating to the LDAP by Using the JNDI and developed the login Servlet which is responsible for initial authentication of the users coming from different systems.**
* **Experience in configuring and deploying the applications on Tomcat 5.x/4.x/3/x., GlassFish, WebSphere 6.x/5.x/7.0, WebLogic 9.x/8.x/7.x/6.x, and JBoss Servers.**
* **Designed and developed Microservices using REST framework and Spring Boot.**
* **Enterprise level web applications were supported by building Spring based Java and Scala micro services.**
* **Consumed messages from JMS-Message driven beans** and **Active MQ.** Integrated **Active MQ** with **Beans.**
* **Java expression tags were avoided using Bean, HTML and Logic Tags, and used display tags to render large data.**
* **Involved in developing role-based HTML navigational menu, where in menu items change dynamically based on the values derived from database in the form of XML data.**
* Developed Applications using **Rule Engines-Jboss Drools**, **Work flows, Human tasks** to implement Business rules validations and provided Drools Dashboard for Business users.
* Involved in Liferay environment setup by creating Liferay Portlets, Roles, User groups, Web content, templates.
* Experience in Creating, Dropping Indexes, Tables, Stored Procs and Views on **Oracle DB**.
* Designed and developed front end screens for new reports using **Swing** components.
* **Cloud environment for micro services was provided using Spring cloud Netflix.**
* 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.
* Used **Spring Ribbon** for load balancing and broker service to maintain status using **Spring Kafka** and **Zookeeper.**
* Developed client applications using **JAXR** and **JAXM** to connect to the **UDDI registry.**
* Used the best ecosystem to deploy and manage **Micro-services with Apache Mesos** and **Kubernetes**.
* Developed **CI/CD** system with Jenkins on **Kubernetes** container environment utilizing **Kubernetes**.
* Reading the log files using **Elasticsearch**, **Logstash** and alerting users on the issue and saving the alert details.
* Created JSON Data and stored as documents comprising documents, data types and conversions in **MongoDB.**
* Implemented **Elastic Bean Stalk** to auto-deploy and auto-scale applications using services such as **EC2 instances**, Load balancer and Databases on RDS in AWS environment.
* Writing Unit test cases using **JUnit** testing framework and performed unit and system testing.
* Expertise on **SoapUI**, **Selenium** Data Driven framework and integrating it with **Maven**, **TestNG** and **Jenkins**.
* Worked with **JAXB** parser for marshalling and Unmarshalling XML data.
* **Developed XPATH, XQUERY and custom XML parsers based on SAX, DOM as part of XML Consumption.**
* Used **Intelli JIDE**  to develop and debug the application.
* 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, Jenkins Jobs.**

**Environment*:* XML, XSL, Node.Js, Bootstrap, HTML5, JavaScript, CSS3**, **Ajax, ReactJs, Spring 3.5,Git, Aws, WebSphere7**.**5, Swing, Web Services**, **Liferay, Drools, JMS,** **GlassFish, SoapUI, MongoDB, JSF, LDAP, TestNG, JSON, Maven, Elasticsearch, Spring Cloud Netflix, Apache Mesos**, **Kubernetes, Eureka Server, ANT, Ribbon, Zuul Proxy**, **IntelliJ,Agile, Apache Kafka.**

**Valence Health - Chicago, IL**

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| **Java/J2EE Developer Jan 15– Oct 15** |

**Description:** This application used to collect the data from the host of hospitals and generate reports and used to collect information about doctors, patient’s cares. It makes insurance companies make more intelligent decisions about the market trends.

**Responsibilities:**

* Involved in document analysis and technical feasibility discussions for implementing new functionalities.
* Implemented the Graphic User Interface by coding in **HTML**, **CSS3, Bootstrap, JavaScript, jQuery,** and **jQuery UI.**
* Designed Single page web applications object-oriented JavaScript Framework like **AngularJS** and **Ext.JS**.
* Created prototypes in **HTML, JavaScript** and **CSS** for different UI pages.
* Implemented and developed UI components using **AngularJS** features like DI, Models, data binding and controllers. Develop various screens using **AngularJS** and used various predefined components from **NPM**.
* The application is designed using **J2EE design patterns** like Value Object Pattern, S**ession façade, Singleton, Factory**, **DAO** and technologies based on **MVC** architecture.
* **Used Spring DAO module for performing CRUD operations on database and implemented logging in the application using Spring Framework AOP module to know the application status.**
* Used **Spring MVC** Model View Controller to handle/intercept the user requests and used various controllers.
* Implemented (**SOA**) to retrieve data from client side and made **REST API** calls and parsed the data to client and handled the security and Authorization using **Spring Security**.
* **Developed REST web services using SpringMVC to extract client related data from database and used SOAPUI**
* **Experienced with setting up the basic project setup from scratch using Spring-Hibernate based design.**
* Involved in writing **Thread** Safe blocks for **multithreading** access to make valid transactions.
* Developed application using **Agile** methodology and deployed the application onto **WebLogic** application server.
* Used **Cassandra** for achieving **denormalization** through features like collections.
* **Worked on JPA as persistence layer, involving EJB annotations to synchronize with database through XML.**
* Experienced with **JIBX** binding to convert Java object to **XML** and vice-versa.
* Used **JERSEY** framework to implement the **JAX-RS (Java API for XML and RESTful Service**).
* Configured and deployed the application in**JBoss** Application Server.
* Used **Glassfish** java implementation.
* Involved in Code Review, Unit Testing and Integration Testing, **Selenium Web Driver**.

**Environment**: **HTML, JSF, jQuery, JavaScript,Bootstrap,AngularJS, ExtJS, NPM, Spring 3.x, Spring MVC, Spring Security, SVN, REST, JAX-RS, Jersey, SoapUI, Selenium Web Driver, Web services, Maven, JBoss, JiBX, Agile, Glassfish.**

**Orbitz, Chicago, IL**

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| **Java Developer July 13– Dec 14** |

**Description:** Orbitz Worldwide is a world leader in providing Travel and distribution services offering online booking process for customers across the globe. Orbitz offers leisure and business travellers a wide selection of low airfares, as well as deals on lodging, car rentals, cruises, vacation packages and other travel. Orbitz hosts multiple websites including Orbitz.com, cheaptickets.com etc.

**Responsibilities:**

* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**.
* Extensive experience in designing professional UI web applications using front-end technologies and Java Script Frameworks **like HTML, DHTML, CSS, JavaScript, XML, DHTML, XHTML, jQuery, AJAX, JSON, Bootstrap.**
* Involved in writing application level code to interact with **RESTful** Web **APIs**, using **AJAX**, **JSON**, **XML** and**jQuery**.
* Worked on **AJAX** functionality for dynamic data binding for data grid, accordion, Ajax driven menu tabs using back end service calls and consumed both **JSON** and **XML** data in UI Side.
* Used Spring Framework **AOP Module** to implement logging in the application to know the application status.
* Developed the whole application using **Spring MVC framework IOC** (Inversion of Control) design pattern to separate the application configuration and dependency specification from the actual application code.
* Used distributed Transactions Management system with **Spring JTA**.
* Used **Spring Batch** as spring batch jobs can meet the requirements of reliability, robustness and traceability which are essential for automatic processing of enormous amounts of data.
* Developed SOAP web services using **Apache-CXF** which would be available for other local osgi bundles.
* Used **Hibernate** as **ORM** tool and developed hibernate configuration files for establishing database connection
* Used **hibernate core** interfaces like configuration, session factory and criteria interfaces.
* Involved in designing and developing the End points (controllers), Business Layer, DAO layer using **Hibernate**.
* Used Core Java features such **Collections**, **and Exception handling** to efficiently process highvolume transactions.
* Implemented complex back-end component to get the count in no time against large size **MySQL** database
* MQ was used to provide a single unifying transport that reduces cost and maintenance efforts, including support for **HTTP, REST and JMS**. **WSDL** was used for publishing Web Service interfaces.
* Followed **Test Driven Development** and wrote server-side test cases using **JUnit 4.12.**
* Hands on **Eclipse** as the integration environment for developing, debugging, and maintaining project code files.

**Environment: HTML, CSS2, JavaScript, JQuery, AJAX, JSON, DHTML, JAXB, XSLT, XML, Spring MVC, Spring-CORE, Spring Batch, Spring Security, Spring AOP, Spring JTA,REST Service,Hibernate, MySQL, JMS, WSDL, Junit, Apache CXF, Eclipse.**

**Carlson Wagonlit, Online Air Ticket Refund Tracking, Denver, CO**

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| **Software Engineer Nov 10 – June 13** |

**Description:** This is a travel domain application (on MVC pattern) for Carlson Wagonlit Travel. The objective of this application is to provide facility of refund for air tickets. When a user wants to refund a ticket, user register himself and submit his request for ticket refund, system generates a receipt for user, which contains all the details of ticket and receipt number. User can monitor his refund of tickets using receipt number. Other part of this application is for administrator to link user information to back office support application for refund and generate invoice etc.

**Responsibilities:**

* Used **AGILE** methodology and participated in **SCRUM** meetings.
* Designed and developed front-end using struts framework. Used **JSP, Servlets, JavaScript, JSTL, EL, Custom Tag** libraries, Tiles and **Validations** provided by struts framework.
* Developed the **JQuery** callback functions to implement asynchronous communication using **AJAX**.
* **EJB** Session Beans were used to process requests from the user interface and CMP entity beans Wrote Stateless Enterprise Java Beans. This EJB invokes the Service, which serves the caller or client.
* Used **Multithreading**, **Collections** and other **J2EE** technologies to design and develop the code.
* Wrote queries in **Oracle** Spatial in developing GIS based application.
* Used **JDBC** to invoke **SQL** stored procedures for applications that need to execute as a part of a scheduling
* Deployed the application on **WebSphere** application server in development and production environment.
* Conducted weekly code walk through using **UNIX Shell Scripts.**
* Developed **SOAP** based **Web Services** for Integrating with the Enterprise Information System Tier.
* Used **JIRA** for bug tracking, project level issue tracking and environmental issue tracking.
* Wrote **Junit** test classes for the services and prepared documentation for the application.

**Environment: HTML, CSS3, JavaScript, JQuery, JSTL, EL, JSON, XHTML, JAXB, XSLT, DOM, XML, EJB, Web Services, Java, JSP, JDBC,EJB, J2EE, SOAP, Eclipse, Oracle, Junit, JIRA, WebSphere.**

**Life Insurance Corporation – Hyderabad, India**

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| **Java Developer May 09 –Sep 10** |

**Description**: This application is a Web portal used to provide life insurance services to policy holders through agents. In this application agents used to create new quotes, Policies to policy holders, Manage the list of policies, policy information and Making payments. The registered policyholders and agents can see their status reports, acceptance and loan quotations on demand. Policy holders can change their personal information at any time.

**Responsibilities:**

* Developed the presentation tier using **HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts**.
* Used **Struts-Validator** frame-work for all front-end Validations for all the form entries.
* Used Struts framework for the MVC implementation and **Hibernate** as **ORM** tool for database communication.
* Worked extensively with **JSP’s and Servlets** to accommodate all presentation customizations on the front end.
* Used different Design patterns like **MVC pattern**, **DAO pattern**, and **singleton** to achieve clean separation of layers.
* Designed and developed the code using **multithreading**, **Collections** and other **J2EE** technologies.
* Developed DAOs using **Hibernate persistence API** for the database operations to interact with **Oracle database**.
* Written and executed various **SQL Queries & PL\SQL** programs to retrieve the data from the database Oracle.
* Responsible for design and development of Business Process in **IBM WebSphere** Process Server 6.0.
* Involved in design development and testing of web application and integration projects using Object Oriented

technologies such as **Core Java, J2EE, Struts, JSP, hibernate, Java Beans, XML, XSLT, XSL and ANT**.

* Used **Log4j, Junit** and **developed unit test cases** to monitor the application functionality.

**Environments: Struts, Core-JAVA, JSP, Servlets, Hibernate, ORM, oracle, Multi- Threading, Collections, PL/SQL, OO Design,OO Analysis, XML, XSLT, IBM WebSphere, Log4J, Junit, ANT,Eclipse.**

**EDUCATION:**

Bachelor’s in computer science from SRM University, Chennai in 2009.