**SOWMYA**

**Java Full Stack Developer**

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* **Summary**



* Overall 9 years of extensive industry experience with proven expertise in system development activities including requirement analysis, design, coding, testing and implementation with emphasis on Object Oriented, J2EE
* Extensive experience in developing applications using Java and various J2EE technologies including Java/J2EE technologies Java, Spring, REST, SOAP, JAX-WS, JAX-RS, Hibernate, JDBC, JSP, Servlets, JSTL, EJB, XML, and JMS.
* Expertise in Application frameworks like Spring MVC, Spring Web Flow
* Expertise in implementing J2EE Design Patterns like MVC, Adapter, Front End Controller, Business Delegate, Value object, Singleton, Session Facade, Service Locator, Factory DAO in designing the architecture of large applications.
* Expertise in Spring framework using Modules like Spring Core, Spring IOC, Spring Mongo, Spring JDBC, Spring Context, Spring JMS Spring AOP.
* Exposure on Domains like E-Commerce B2B, B2C, Social Networking, Logistics.
* Expertise in Web-Development technologies like HTML, DHTML, JavaScript, CSS, XML, XSL/XSLT, JSON, AJAX and JQuery.
* Well experienced in Spring framework Dependency Injection, AOP, Spring MVC, Spring DAO, Spring ORM using Hibernate
* 1 Year hands on experience in Oracle ADF 11g Architecture, JDeveloper, Oracle ADF Development (ADF, ADF Faces, ADF Task Flows and Business Components) with Web Services.
* Experienced in Paymentech SDK, Groovy and Grails, Apache SOLR, Lucene, SOA and ADF 11g.
* Experience in handling messaging services using Apache Kafka.
* Proficient in Big data ingestion tools like Flume, Kafka, spark Streaming and Sqoop for streaming and batch data ingestion.
* Experienced in moving data from different sources using Kafka producers, consumers and preprocess data using Storm topologies.
* Experience in developing modern web applications using Angular 2/4, Node.js, React.js, Express.js Vue Js and Mongo DB. Experienced in building complex Single page applications with Vue Js components with Backbone Marionette wrappers for Routing.
* Worked on JavaScript framework (Backbone, Node.js) to augment browser based applications with MVC capability.
* Experience in developing mobile applications using ADF MOBILE.
* Build Proof of Concepts on ADF as and when required.
* Key skills include analysis, design, development, unit testing and implementation of Web Applications using Java, Oracle ADF Faces.
* Developed mock data generation feature that is integrated with GraphiQL IDE interface to allow users to send queries against their custom generated schema and render mock results in order to familiarize users to the GraphQL syntax.
* Full Stack Modern Progressive Web Apps - ReactJS, Redux, GraphQL.
* Independently integrate multiple APIs and new features using React + GraphQL stack
* Participated in analyzing the user/business requirements, functional specifications and use case documents to create the Test Plans and Test cases for System testing.
* Used Selenium Actions class to handle mouse movements and hover-over actions on Web Elements.
* Developed Test Cases and Test Scripts in selenium web driver with Java using Cucumber framework with build management tool Maven
* Wrote test case automation scripts in Java and Selenium and used log4j for logging automated steps and script errors.
* Facilitate enhancement and maintained the current Test Environment in Eclipse using Java.
* Enhanced regression test cases to implement complex testing scenarios, increased permeations of functionality testing, and increased code coverage using Selenium WebDriver
* Implemented Continuous Integration of automation framework using Jenkins
* Used Java as client library for Selenium WebDriver and developed automation Framework using Junit.
* Worked extensively in Core Java & J2EE Technologies.
* Prepared feature file for Cucumber framework and created step definitions and created runner file to run the Cucumber features.
* Performed Test Execution and defect logging and tracking using JIRA
* Verified the integration of various components in the application and executed end-to-end testing.
* Exposure to NoSQL database programming - Apache Cassandra.
* Experience with core java/ JDK, MongoDB, NoSQL/SQL, GIT, JSON and DB2.
* Diverse experience utilizing tools in N-tier and Microservices architecture applications using Spring Boot, Spring Cloud config, Netflix OSS components(Eureka, Zuul, Hystrix), Pivotal Cloud Fundry, AWS, Rabbit MQ, Kafka, Zookeeper, Cassandra, My SQL, Restful Web Services.
* Well versed with core Java concepts like Collections, RMI, Serialization and Java Bean.
* Experience in Implementing API's in Java Multi Threaded Environment
* Expert in Unix Shell Scripting
* Expertise in designing POJO classes using Hibernate Annotations using EJB/JPA API
* Expertise in writing Spring Rest and Jersey web services
* Expert in writing applications using Core Java concepts
* Development of UI pages using JQuery Mobile library
* Extensive Experience with Responsive Web design
* Dynamic loading of JSP's using AJAX.
* Extensive experience in developing web pages using HTML/HTML5, XML, DHTML CSS/CSS3, SASS, LESS, JavaScript, React JS, Redux, Flex, Angular JS (1.X) JQuery, JSON, Node.js,, Ajax, JQUERY Bootstrap.
* Performed Continuous Delivery in a microservice infrastructure with Amazon cloud, Docker and Kubernetes
* Hands on experience with Amazon different EC2 instance families spanning across Test, Dev and production and Cloud Automation through DevOps tools like Chef, Ansible, Docker and Kubernetes.
* Decomposed existing monolithic code base into Spring Boot microservices. Developed new features and provided support for all Microservices
* Good Experience in React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Experienced in developing BDD (Behavior Driven Development) and TDD (Test Driven Development) scripts with Cucumber and writing step definitions for Gherkin based features.
* Familiar with creating Custom Reusable React Components Library.
* Experience in Data Serialization formats like JSON XML.
* Expert in Spring Framework, used Interceptors and Security Authentication
* Experience in designing the architecture of the Application and database modeling
* Working experience in Agile Methodology
* Developed multi-tiered object-oriented system architectures utilizing Use cases, UML Sequence, Activity and class diagrams , Rational Rose, Microsoft Visio.
* Extensive use of Build and Integration tools such as Ant, Maven and Jenkins.
* Worked on Repositories like VSS, SVN, GIT Gerrit
* Expertise in applying Java Messaging Service JMS for reliable information exchange across Java applications.
* Strong knowledge in JMS and Active MQ Message Broker
* Experience working with web services using SOAP, UDDI, WSDL and XML related technologies like XML/XSLT, to process, validate, parse and extract data from XML using DOM and SAX parsers for DTD and SCHEMA using tools like XMLSPY
* Experience with UNIX shell and Perl scripting
* Extensive knowledge of working with application servers including Oracle Web Logic, JBoss and Apache Tomcat server.
* Skills



* **Programming Languages:** JAVA, J2EE, HTML, DHTML, XML, C,C++
* **Technologies:** Java, Swing, Struts, Servlets, JSPs, Java Beans, JDBC, JMS, Web Services, Spring, JavaScript
* **Frame Works:** J2EE, Struts, Spring, Hibernate
* **Spring Modules:** IOC, AOP, Spring MVC, Spring Web flow, Spring ORM, Spring Struts, Spring Context
* **Version Control:** CVS, Rational Clear Case, Microsoft VSS
* **Databases:** Oracle 9i, 10g, MYSQL 5.0, MS SQL
* **Operating Systems:** Windows 9X/ 2000/ NT
* **Application Servers/Web Servers:** IBM Web Sphere, Jboss, Apache Tomcat
* **Apache Tools :** Ant, Log4j
* **Middleware Tools:** Java CAPS 6.0./6U1, Oracle BPEL Process Manager, ESB, Business Activity Monitoring, Business Rules , Mediator and Human Tasks
* **Tools & Utilities:** UML, Editplus, Textpad, Toad, SQL
* **GUI Tools:** Java Swings, HTML.
* **IDE:** Eclipse , My Eclipse , Netbeans, Jdeveloper
* Work Experience



* Air Products
* Allentown PA
* (May 2019-Till Date)
* Senior Java Developer
* Responsibilities:
* Involved in analysis, specification, design, and implementation and testing phases of Software
* Experience in Microservices Architecture with Spring Boot and Docker.
* Designed and developed asynchronous RESTful Microservices using Spring boot, Couchbase and RXJava that are consumed by other microservices with an average response time of 30 milliseconds.
* Cofigured Spark streaming to receive real time data from the Kafka and store the stream data to HDFS using Scala.
* Developing web front end interfaces using HTML/HTML 5, CSS3, JavaScript, PHP,XHTML, jQuery, Java, AJAX, JSON, Angular 2/4, Node JS, React JS, Angular JS, Vue JS, jQuery and Bootstrap.
* Manipulated DOM, handled events and applied animation effects with Vue.js.
* Diverse experience utilizing tools in N-tier and Microservices architecture applications using Spring Boot, Spring Cloud config, Netflix OSS components(Eureka, Zuul, Hystrix), Pivotal Cloud Fundry, AWS, Rabbit MQ, Kafka, Zookeeper, Cassandra, My SQL, Restful Web Services.
* Created topics on the Desktop portal using Spark Streaming with Kafka and Zookeeper.
* Installation of Storm and Kafka on 4 node cluster and written Kafka producer to collect events from Rest API and push them to broker.
* Analyzed the Cassandra/SQL scripts and designed the solution to implement using Scala.
* Responsible for developing data pipeline by implementing Kafka producers and consumers and configuring brokers.
* Used AWS code pipeline for moving the code across different environments.
* Created AWS S3 buckets, performed folder management in each bucket, Managed cloud trail logs and objects within each bucket.
* Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.
* Used AWS SDK to connect with Amazon SQS for bulk email processing.
* Migrated applications from internal data center to AWS.
* Implement and maintain the monitoring and alerting of production and corporate servers/storage using Cloud Watch. Migrated applications from internal data center to AWS
* Expertise in Java, J2EE, EJB, JDBC, JSP, Servlets, STRUTS, Springs Core, Spring MVC, Spring Boot, Hibernate, Web Services (SOAP AND REST API) and BPEL (Business Process Execution Language) technologies.
* Design and developed user interface components using ADF Rich Faces.
* Developed UI fragments, templates and bounded task flows using Jdeveloper 11g.
* Design, Implement and Test Oracle ADF applications using JDeveloper 11g
* Developed ADF reusable regions and templates.
* Developed ADF components to interact with Verification Services, Research Services and Transcript services.
* Doing POCs in ADF for technical feasibility such as using cirvis in UIs and other complex requirements.
* Responsible for developed ADF Data Controls from Web Services and Java Components.
* Responsible for writing JUnit Test scripts for testing in business layer & data layer.
* Implemented an express-graphql library to mount a GraphQL API server on the user-configured HTTP endpoint.
* Implemented a recursive algorithm to parse large GraphQL introspection queries into a dotfile format in order to visualize the one-to-many relations between schemas in a SVG format.
* Configured an optimal Spring-Boot 1.5.6 micro-service with JBoss RESTEasy platform and multiple Transaction Managers.
* Knowledgeable about techniques to minimize the auditing and failure-logging of micro-services in production.
* More than seven years 7 of experience with Core Java multithreading and concurrency.
* Five years 5 of researching, implementing, and supporting in-memory Fast Data grids and Big Data MapReduce solutions.
* Proactive team player who can take ownership of an effort and drive it from inception to production.
* Delivery focused quick learner with ability to collaboratively solve technical problems under pressure.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces.
* Have also worked on Java 8 along with Cold Fusion
* Upgraded the application to Java 8 (refactored lots of loops to stream, replaced java.util.Date with Java 8’s Date Time API), Hibernate 5.2.x (to persist Java 8’s Date Time classes correctly), Weblogic 12c.
* Used new Java 8 features, such as Lambda expressions, Streams and Functional Interfaces.
* Effective communicator of solutions to peers, business stakeholders, and superiors.
* Developed microservcies using CompletableFuture pipelines with Push-Back Policy
* Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) and Hibernate.
* Build the application based on new features of Java Jdk 1.8 at service layer level.
* Designed MVC architecture and Front control design pattern using Spring MVC Framework for Presentation tier and I have written code for the using Spring MVC Framework for Presentation layer and spring dependency injection.
* Used spring framework for Dependency Injection and integrated with Hibernate.
* Primarily focused on the spring components such as Dispatcher servlets , Controller s, Model and View Objects, View Resolver .
* Involved in developing Spring Beans and wiring their dependencies.
* Worked on Java 8 Streams and on lambda expressions.
* Coded extensively using JavaScript, Angular JS to make rich internet web application for a Single page app.
* Used Hibernate, object /relational mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with an SQL-based schema.
* Recommended and guided the team in building out a lean, responsive UI layer utilizing Semantic HTML5, BOOTSTRAP, and REST API architecture. Developed front end for the entire website using HTML5, CSS3, JSON and JAVASCRIPT.
* The Java Message Service (JMS) API is used to allow application components to create, send, receive, and read messages.
* Used JBoss6.x Application server to deploy the applications.
* Extensively worked in XML related technologies XSLT, XPath, XQuery, DOM, and SAX.
* Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and XML
* Tested Rest web services using postman, SOAP UI.
* Developed application using Angular JS and Node JS connecting to Oracle on the backend.
* The back-end use Node JS, to provide RESTful API.
* Involved in creating the Hibernate POJO Objects and mapped using Hibernate Annotations.
* Implemented Angular 2 services to connect the web application to back-end APIs.
* Hands-on experience using one-way/two-way data-binding, filters, UI-routers and creating custom directives in Angular 2.
* Participated in analyzing the user/business requirements, functional specifications and use case documents to create the Test Plans and Test cases for System testing.
* Used Selenium Actions class to handle mouse movements and hover-over actions on Web Elements.
* After they are loaded into the ODS, PPB supplies will be consumed for P/L vector calculation once the associated Market Data has also arrived and been processed (Composite context is available).
* a.For each supply, the most recent supply instance received for the COB date being processed will be used unless it has not arrived or is otherwise unfit for use. Rollback and substitution processes will be available for MR Operations to utilize the best alternative.
* b.The "latest" official Reference Data context will be used unless otherwise requested by MR Operations to use the "latest" available context.
* c. Market Data needed to consume a supply is not yet available, processing will be held until that data arrives, subject to a cutoff time.
* Immediately upon completion of the P/L vector a VaR is calculated.
* The "latest" official Reference Data context or the "latest" available context will be used.
* b.Some VaR calculations require two or more P/L vectors to have been processed, thus in such cases processing will be held up until all dependencies have been met, subject to cutoff time.
* Developed Test Cases and Test Scripts in selenium web driver with Java using Cucumber framework with build management tool Maven
* Wrote test case automation scripts in Java and Selenium and used log4j for logging automated steps and script errors.
* Facilitate enhancement and maintained the current Test Environment in Eclipse using Java.
* Enhanced regression test cases to implement complex testing scenarios, increased permeations of functionality testing, and increased code coverage using Selenium WebDriver
* Implemented Continuous Integration of automation framework using Jenkins
* Used Java as client library for Selenium WebDriver and developed automation Framework using Junit.
* Prepared feature file for Cucumber framework and created step definitions and created runner file to run the Cucumber features.
* Performed Test Execution and defect logging and tracking using JIRA
* Verified the integration of various components in the application and executed end-to-end testing.
* Involved in development of commonly used  angular components across teams such as directives for grid, pagination, conditional validations .
* Extensive experience of Object Oriented JavaScript design pattern and JavaScript MVC Patterns Preferably Angular JS for building UI Widgets and Application logic.
* Developed data formatted web applications and deploy the script using JavaScript.
* Design, develop and test HTML, CSS, JQuery, React JS, Redux that meets accessibility of web browser.
* Worked with core java concepts like Collections Framework, Multithreading and Memory management.
* Used junit, mockito and test rest template for testing the rest services and camel routes etc .
* Used Maven to build and run the selenium automation framework. Configured Maven for Java automation projects and developed Maven Project Object Model (POM.xml).
* Worked with Web Sphere application server that handles various requests from Client.
* Used JIRA to assign, track, report and audit the issues in the application.
* Used GIT to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.
* No SQL databases like Cassandra and HBase and comprehensive knowledge and experience in process improvement.
* **Environment:** JAVA 1.8, Ajax, XML, XSD, WSDL, Angular 2,HTML4/5, CSS 2/3,JSON,  Kafka, Express js, React js, Jquery, Jasmine, Spring 3.x,JIRA, java script, Hibernate 3.x,servlets, JAX-RS, SOAP, GIT, JUnit 4.0, JMS, Maven, Eclipse, web sphere, Node js, AWS, Angular 2,Multithreading, bootstrap, No SQL.
* Biogen
* Cambridge MA
* (Nov 2017– April 2019)
* Senior Java Developer
* Responsibilities:
* Implementation of Jersey Restful web services which produces JSON
* Setup Maven Profiles to connect DEV/QA/PERF/PROD
* Execution of multiple threads concurrently using Executor Service
* Deploy the application to the Tomcat Server.
* Configured Aws CloudWatch with DataDog for monitoring Aws Resources with Second to Second and created custom Dashboards and metrics by using Python
* Created CloudFront web distribution and configured hosted zone in Route 53 for production traffic. Developed code to call the web service/APIs to fetch the data and populate on the UI using jQuery/AJAX and Vue.js/AJAX.
* Participated in development of a well responsive single page application using Bootstrap framework, and jQuery in conjunction with HTML5, CSS3 standards, with front-end UI team.
* Developed front end UI using HTML5, CSS3, SCSS, jQuery, Vue.js, AJAX and JSON.
* Involved in designing and coding the various core components and UI Screens for the Outbound Interface in the Application using Backbone JS, Vue JS and Kendo UI
* Used Jenkins and pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Used GSON Framework to convert JSON into objects
* Wrote SQL queries, PL/SQL to interact with MySQL DBMS
* Consumed SOAP services and parses XML to Java Objects
* Developed SOAP web services using JAX-WS API
* Used Apache Commons Database Connection Profile to connect MySQL DB.
* Developed REST web services using JAX-RS API.
* Integration of Spring and Hibernate
* Design and development of Integrated Processes for Manpower Outsourcing IPMO for Sales team using Core Java, JSP, Servlets, Tomcat and Oracle database. It's having different modules i.e. Requirement, Timesheet, Account, Procurement, Master Information.
* This software is to assist the Recruiters, Finance, sales, Administrators, Candidates, Clients and vendors. The underlying idea behind this is to keep track of the requirements, resumes, timesheet, invoices and purchase orders. This software is to assist the whole process of recruitment for out sourcing the candidates to the clients.
* Designed and developed Training and Development System for HR team using Core Java, JSP, Servlets, Tomcat and Oracle database.
* Training Development Module is one of the modules of Infinite's Intranet. The main concept of this system to make automation of training process. There are main users i.e. Employee, HR, Reporting Person, Training Head, CMM Assessor etc. of this system.
* Employee who needs training Technical or Non-Technical can apply online through intranet. Reporting Manager can also apply training Technical or Nontechnical on behalf of his/her subordinates.
* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meets accessibility and web browser standards for website.
* Design CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Developed user interface by using the React JS, Flux for SPA development.
* Implemented react JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Used React-Router to turn application into Single Page Application. Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept. Used Web services (SOAP and RESTful) for transmission of large blocks of XML/JSON.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Used WSDL and SOAP protocol for Web Services implementation
* Used Hibernate API to talk MySQL Database for Read and Write operations
* Implementation of Hibernate Transaction Management and the Entities
* Does object sorting using Comparator/Comparable Interface
* Integration of SEARS Product Management REST API's
* Extensively used JAXB parsers to parse XML into objects
* Good exposure on JAVA Messaging Service JMS and Web Services
* Focused primarily on the spring components such as Dispatcher Servlet, Controllers, Model and View Objects.
* Used Eclipse Juno as the IDE and used eclipse standard/plug-in features for debugging, compiling, and formatting
* Implemented Angular 2 Router to enable navigation from one view to another.
* Used Protractor to perform End to end testing for single page application developed using Angular 2.
* Developed Application to asses JSON and XML from Restful web service from consumer side using Angular 2.
* Experience with Responsive Web Design, Bootstrap and Plygrid framework.
* Developed various generic JavaScript, Angular functions to implement client-side validations.
* Involved in developing Thread Safe blocks for multithread access and distributed transaction management.
* Created and injected spring services, controllers and DAOs to achieve dependency injection .
* Heavily used Spring Inheritance, Auto-wiring, Core Container, Security, AOP, Spring Quartz for scheduling tasks to generate reports and emails to clients.
* Developed Persistence layer using Spring Data to interact with the Database.
* Developed Spring Restful/Microservices and implemented Spring Restful/Micro Services and implemented Spring Eureka, Netflix, Ribbon as part of Services Discovery usin g Apache Axis .
* Implemented Spring MVC flow to interact with different modules and extensively used Spring AOP and Dependency injection during various modules of project.
* Used SVN repository for software configuration management and version control
* Used Jenkins to build the application and created the jobs for DEV QA.
* Resolving performance issues
* Wrote scripts in JMeter to test the performance of the API's
* Development of common functions across the application
* Used GIT repository for software configuration management and version control
* Participate in project planning sessions with business analysts and team members
* Extensively used the LOG4j to log regular Debug and Exception statements.
* Closely worked with Test Team to identify bugs in application
* Developed test cases for the application mentored new team members for application architecture
* Extensively involved in identifying root cause for the application bugs.
* **Environment**: Java, J2EE, Spring, Collections, Spring JDBC, MySQL, Mongo DB, Multi Threading, Tomcat, Jenkins, Maven, SVN, JSON, GSON, SOAP, Eclipse, UNIX, and Mac.
* People's United Bank
* NYC, NY
* (Sept 2015- Aug 2017)
* Java Developer
* Responsibilities:
* Interacted with the Business users for understanding the Requirements and subsequently developed the functional design to meet the client requirement.
* Implementation of DAO's using Spring JDBC API. Implemented Single Page Application ( SPA ) architecture and client side MVVM(Model View- View Model) using Vue JS.
* Implemented Spring and Struts to develop the application framework
* Implemented Struts framework based on the Model View Controller design paradigm
* Implemented Spring-Struts integration
* Design and developed the application tool using Servlet and Spring
* Developed JSPs and helper classes involved in the project
* Configured and deployed the applications on Websphere App Server and Tomcat server
* Implemented various XML technologies like XML schemas, JAXB parsers and XMLBean
* Configured and created application log files using Log4J
* Position supplies will be supplied by the PPB and loaded by DAC into the ODS, using the most recent official instance of Reference Data
* Implemented service method and SQL queries, PL/SQL to interact with Oracle DBMS
* Wrote POM Build scripts to Compile and build the application
* Used Log4J, JUnit for debugging, testing, and maintaining the system and eliminated critical bugs
* Implementation of Restful web services using Spring REST
* Integration of FedEx API's
* Deploying the application to the Tomcat server and debugging.
* Involved in peer-code reviews for code quality, code smells and refactoring the code.
* Actively involved in designing and implementing the architect of KIAC application.
* Performed code review and unit tested the application
* Used Spring MVC Framework to flow the process
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, JQuery, Node.js, Angular Js, and HTML to speed the application.
* Developed various daily jobs using PL/SQL stored procedure to update notification status in multiple tables.
* Used Agile/ Scrum development methodology and maintained Scrum related information in Rally.
* Hands on experience on web services (SOAP, REST) and applied Agile methodologies; MVC design pattern used; accompanied with Hibernate persistence.
* Developed and performed unit testing scripts with Junit API and PowerMock API in TDD environments.
* Developed and optimized services using NodeJS and ES6 as interfaces to Cassandra NoSQL database.
* Enabled different security authentication mechanisms across mongo instances.
* Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and MySQL.
* Implemented contracts administrator service using Kafka, Spark and Java.
* Provided design and mentor framework integrated implementation for interactive web application development.
* **Environment**: Java, J2EE, Spring JDBC, Struts, EJB, Spring, MySQL, Tomcat, Maven, JUnit, Eclipse, and SVN
* Blue Cross Blue Shield
* India (Offshore)
* (Oct 2013- Aug 2015)
* Junior Java Developer
* Responsibilities:
* Constructing and designing Sequence diagrams, Deployment diagrams, Dataflow diagrams, Class diagrams using Microsoft Visio.
* Deployed web and enterprise applications on Jboss application server in a channel secure environment.
* Implemented application level persistence using mybatis and Spring3.0.
* Created services, dao's and util classes.
* Developed Data Access Layer to interact with target database by implementing Hibernate Framework and integrated with spring.
* Involved in system design and development using Collections and multithreading for the action classes.
* Tests developed in Eclipse to start and to stop the selenium server and to execute the tests in browser.
* Run tests by using Selenium remote control in different browsers.
* Experience in implementing Spring framework.
* Responsible for designing the Architecture for Confidential files driven Test Automation Framework with Selenium.
* Responsible for creating automation testing and coding standards.
* Responsible for creating the JSON files for test scenarios.
* Responsible for planning regression test stories in every Sprint.
* Automated back end data validation through selenium
* Implemented BDD through Cucumber.
* Created the Feature Files for Cucumber Automation.
* Created Test Automation Framework with Cucumber and Selenium WebDriver.
* Web Element Inspection through Firebug and Fire Path.
* Implement Selenium Grid to execute test scenarios on multiple browsers.
* Build tests through maven pom file
* Test execution and reporting through Jenkins.
* Configured Cucumber Report Plugin and Performance Plugin to Jenkins to generate html test reports.
* Responsible for coding of DAO classes using Spring with hibernate.
* Implementing Business logic.
* Developed architecture for a new Spring Batch based system to process over 10 million transactions a night.
* Designed enterprise level applications on XML schema, SOAP and WSDL technologies.
* Used Xpath, XQuery and XSLT for XML transformations.
* Used XMLBeans for parsing the XML documents.
* Design and implantation of Facelets in order to generate the application wide Templates  and Template  clients , to take advantage of developing as Tiles and to keep the design as Centralized.
* Used JQuery to traverse through a DOM tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using jQuery framework.
* Application backend implemented as node.js express application server.
* Designed and implemented a Cassandra NoSQL based database and associated RESTful web service that persists high-volume user profile data for vertical teams.
* Custom node.js proxy used to simulate API responses before client implementation was complete, and to proxy requests to finished client APIs, handling authentication, custom headers, virtual application root, etc.
* Worked on Angular JS and Backbone JS which combines web applications with MVC capability to make development and testing of code efficient.
* Developed websites using Angular JS, Backbone JS, CSS3, HTML communicating with back end.
* Automate various procedures using Backbone JS to create complex command lines that serves variety of functions.
* Wrote complex SQL statements to retrieve data from the DB2 database.
* Involved in writing and executing PL/SQL stored procedures and functions
* **Environment:** Spring 3, Mybatis 3.0, Selenium IDE, Selenium RC Server, clear case, maven, Hibernate, Java 1.6, DB2, Junit, angular.js, Oracle ADF, Oracle 10g & WebLogic 10.3, backbone.js, XML, XSLT, XPath , JBoss 4.2.3.
* SASA Infotech
* Hyderabad India
* Internship
* (May 2012- Sept 2013)
* Software Developer
* Responsibilities:
* Extensive experience with VB scripting and automation using Quick Test Pro QTP .
* Used Check Points, Output Values, Recovery Scenarios, Regular Expressions, Object Repository Administration extensively in QTP.
* Reviewed User change Request Document UCR , Use Cases and Wire Frame Document.
* Analyzed requirements and involved in developing test plans, test cases and test schedules based on high-level and detailed designs.
* Prepared Effort Estimation, Test Plan, Test Strategy, Test Scenarios.
* Prepared Monthly Metrics, Weekly Status Reports.
* Support offshore teams with Functional requirements, clarifications and change request procedures.
* Performed System Testing, Integration Testing and User Acceptance Test using the Test Cases.
* Preparation of test data for End-to-End Scenario.
* Designed the Test Cases and participated in review Inspections.
* Developed and maintained functional and regression test scripts using QTP.
* Execution of Manual Test Cases.
* Logged Defects using DTS Defect Tracking System.
* Performed full Regression Testing of different modules of the Access Online.
* Participated in Daily onsite offshore calls.
* Conducted triage calls between Dev, QA and Business and prioritizing defects to get fix in next build.
* Participated in review meetings and took the initiative to meet the QA testing targets.
* **Environment:** Java/J2EE, Web Sph re, TIBCO, DB2, UNIX, Share Point, MQ