**VINAY KUMAR**

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**Summary:**

* A **Senior Java/J2EE** Developer with **8+ years** of IT experience in Design, Development, Support and Implementation of Web based applications, distributed Java based applications and components.
* Experience includes application development in **Java,JSP, Servlet programming, Enterprise Java Beans, Struts, JSF, JDBC, Spring, Spring Integration, Hibernate.**
* Excellent working experience in developing applications using J2EE Design Patterns like creational, structural and behavioral **design patterns (MVC Architecture, Singleton, Factory, Facade, Service Locator etc.)**
* Extensive experience in **Application Software Design, Object Oriented Design, Development, Documentation, Debugging, Testing and Implementation.**
* Specialized in **Java, J2EE, Servlets, JSP, JSTL, Custom Tags.**
* Extremely good in **Struts, Spring Framework, Hibernate**.
* Designed GUI and implemented using **GWT**.
* Developed **Service Oriented Architecture (SOA)** based **J2EE**applications that confirms **SOA** Standards.
* Used various **Ajax/JavaScript framework tools like Java Script, jQuery, JSON.**
* Good Understanding of Design Patterns like **MVC, Singleton, Session Facade, DAO, Factory**.
* Expertise in back-end/server side java technologies such as: **Web services, Java persistence API (JPA), Java Messaging Service (JMS), Java Data Base Connectivity (JDBC), Java Naming and Directory Interface (JNDI).**
* Solid experience with **Amazon Web Services (AWS)**
* Having good knowledge of Elastic Search,**Oracle 8i, 9i, 10g** as Database and excellent in writing the **SQL queries.**
* Developed the web applications on **IDE tools like Eclipse, NetBeans and WSAD**.
* Strong programming skills in Java and J2EE technologies includes Core Java (Collections, Generics, Enumerations and Multithreading (using Java Executor Services and concurrency packages), JDBC, Servlets, JSP, EJB, Web Services (SOAP and REST).
* Rich experience in **Agile Methodologies** such as extreme programming (XP), Scrum, waterfall model and Test Driven Development TDD.
* Hands on experience with Spark to handle the streaming data.
* Experience in NetConf/YANG.
* Hands on experience in PaaS (Pivotal Cloud Foundry)
* Proficient in using various **IDEs** like **Eclipse 4.5.1**, and **NetBeans 8.0.2, RAD, Spring tool** suite.
* Expertise in web application development using **Servlets, JSP, Struts, Spring, JDBC, HTML &JavaScript.**
* Implemented the application using **Spring Boot** and **Spring Data Framework** and handled the security using spring security.
* Expert level skills in designing and implementing web server solutions and deploying java application servers like **Tomcat, JBoss, WebSphere, WebLogic** on **Windows& UNIX platform.**
* Experience in **Rational Unified Process (RUP)** to deliver mission - critical web or desktop applications with **J2EE, XML,** and related technologies.
* Explored Spark, Kafka along with other open source projects to create a real-time analytics framework.
* Hands on experience with Scala for the batch processing and spark streaming data.
* Element Management System (EMS) for IP Network.
* Extensive use of Use case model, use case diagrams, class diagrams and sequence diagrams using rational rose.
* Experience in implementing the J2EEdesign patterns like **Singleton, Factory, MVC (Model-View-Controller), Adapter, Session Facade, DAO (Data Access Object), DTO (Data Transfer Object),** Business Delegate and Business Object.
* Experience in **SQL, PL/SQL, JDBC** and Stored Procedures with **Oracle and SQL Server**. Developed, tested and deployed applications in Windows, **UNIX** and **Linux** environments.
* Experience in working on **XML** related technologies like **XML, XSLT, XPATH, XSL, DTD, DOM** and **XML Spy** tool. Added Security for the service layer methods using spring security.
* Experience in **SOAP, JAX-RPC API, JAXB API, JAXP API, XML, LDAP** and **WSDL** using IBM-MQ series for developing **Web Services**.
* Experience working with versioning tools like CVS, SVN and Clear Case and build tools like **ANT, Maven**.
* Experience Developing application using **Groovy, Grails, GSP, GORM** and **Grails Plugins** and **Grails Rest Services**.
* Very good understanding and working experience of **Agile Scrum Process.**
* Experience with RDBMS and writing **SQL and PL/SQL** scripts used in stored procedures.
* Proficiency in multiple databases like **MongoDB, Cassandra, MySQL, ORACLE** and **MS SQL Server**.
* Strengths include good team player, excellent communication interpersonal and analytical skills, flexible to work with new technologies and ability to work effectively in a fast-paced, high volume, deadline-driven environment.

**Technical Skills:**

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| **Language** | Java, UML, Python, SQL, PL/SQL, C, C++ |
| **Java Technologies** | Java EE 5, Servlets 2.4, JSP, EJB, JMS API, JDBC API, JNDI, JSTL, JUNIT, AJAX,JSP, Ext JS.JSP, ReactJS, Servlets, Struts, JSF, Hibernate, Spring, Spring MVC, Spring DAO, Spring Security, Spring WS, JSTL, RMI, JDBC, JMS. |
| **Web Technologies** | HTML4/5, HDML, JAXP API, DHTML, JSF, XML, SAX,DOM,XSLT, XPATH, Java Script, CSS2/3, JQuery, DOJO, Struts Tag, Display Tag, Web services(REST, SOAP), Design Patterns, JAX-WS API, Angular JS, Bootstrap. |
| **Frameworks** | JSF, Struts, Hibernate, Spring Framework, 1.2, 2 prime faces, Grails |
| **IDE'S** | Eclipse (GALILEO, HELIOS, INDIGO, Mars), My Eclipse, Net beans,STS and IBM RAD 6.0, GWT. |
| **Web Services** | SOAP, WSDL, UDDI, APACHE AXIS. |
| **Web and Application Servers** | Web Logic, JBOSS, Web Sphere, Apache Tomcat |
| **Databases** | MySQL,Oracle, MS SQL Server, Mongo DB, Postgre SQL, DB2. |
| **Build Automation** | ANT, MAVEN, Jenkins, Docker, Chef, Puppet, ServiceNow. |
| **Testing and Logging Frameworks** | JUnit, Log4J |
| **OOA, OOD** | UML, use-case diagrams, Class diagrams, Activity diagram, Sequence diagram |
| **Operating Systems** | Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8, UNIX. |

**Education:** Bachelors in Mechanical Engineering from Kakatiya University

**Professional Experience:**

**Client: AT&T, Alpharetta, GA May’16 -Till Date**

**Role: Sr. Java/J2EE Developer**

**Project Description:** Web monitoring system is a product for monitoring the web sites. It provides the user with valuable data regarding the series of requests made at the website. The product also analyzes the data and identifies the bottlenecks involved in the request/response process of the monitored web sites. Web Monitor consists of a set of distributed components which collaborates with each other to monitor a web site.

**Responsibilities:**

* Involved in Requirements gathering, Analysis and Design of the application.
* Created use cases, class diagrams, and sequence diagrams using Rational Rose.
* Designed and developed web interfaces using **Spring MVC Architecture** and **Jakarta Struts Framework.**
* Developed Action Classes and Form beans.
* Used new Java 8 features - Streams, Collectors, Lambda, new Executor service.
* Involved in Implementing **J2EE Design** Patterns like **Singleton, Session Facade, Value-Object, and Service Locator**.
* Implemented Spring Framework for dependency injection to inject appropriate class objects depending on the source of the application process.
* Generated GWT classes and provided front-end functionality for Netbreeze using GWT libraries.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services.
* Involved in Writing Object Relation Mapping implementation using hibernate and hibernate mapping configuration files.
* Improved Insecure Direct Object References by mitigating the exposure of reference to an internal implementation object.
* Developed user interfaces using **JSP, AJAX, XHTML, CSS**, and **JavaScript**.
* Developed and worked on **ANT, Shell, Maven** and **WLST** scripts for automation build and deploy process using Jenkins.
* Reduced Usage of Components with Known Vulnerabilities by reducing usage of components with known vulnerabilities which may undermine application defenses.
* Implemented Automation process for web service test case using Selenium and rest client.
* Integration of **REST** with Resource Mapping Annotations for **Spring 3.0**
* Implementation of Synchronization by usage of multithreading so that resource is being used.
* Designed the application in such a manner to have code reusability.
* Involved in the implementation of various automation tools like QTP, Selenium, Test complete and Quality center.
* Extensive usage of **Hibernate** to minimize database access with smart fetching strategies.
* Extensive client side / server side validation scripts are written in **JavaScript** and **AJAX**.   
  Communicating with external web services.
* Used WebSphere Integration Developer to implement SOA
* Responsible for writing the design applications for the generic and application specific web services in Groovy and Grails.
* Writing tested, idiomatic and documented **JavaScript, HTML and CSS**.
* Worked with **AJAX** to provide natural browsing experience.
* Used React JS to create controllers to handle events triggered by clients and send request to server.
* Involved in workflow builder launch process and customization.
* Worked with Web focus products like Developer Studio, HTML Layout.
* Improved performance and concurrency of application by multithreading.
* Web application development using Groovy Grails JQuery AJAX and D3.js
* Involved extensively in writing **SQL** and **PL/SQL** Stored Procedures and Functions.
* Created Packages using **SQL Server Integration Services (SSIS).**
* Implemented persistence layer using Hibernate with JTA enabled.
* Used **Subversion(SVN)** as the version controller.
* Implemented **PaaS (Platform as a Service)** for internal applications.
* Developed prototype test suites with Geb-Spock, Gradle and IntelliJ used to speed up test suite development with Java API and Selenium.
* Used HP-PPM to keep track of bugs and issues.
* Conducted performance testing of Apache and Tomcat management services.
* Developed the business layer components as stateless Session Beans based on EJB API.
* Developed the data access layer components as entity Beans based on EJB API.
* Deployed the EJBs on Web Sphere.
* Involved in fixing code vulnerability and having familiarity with Fortify tool.
* Programmed and prepared code for interfacing with Apache Tomcat systems.
* Usage of **REST** to transfer **XML, JavaScript Object Nation (JSON)**.
* Implemented **log4j**for checking application **logs**.
* Apache tomcat as the servlet container and web server.
* Worked with web focus products like server console, metadata management
* Involved in Unit and Integration Testing after each development Life cycle.
* Deployed application in **WebLogic application server** in pre-production environments.
* Used **Eclipse IDE** as a development tool.

**Environment:** JAVA 1.8, J2EE 5(Servlets 2.4, JSP 2.0, JSP Taglibs), AngularJS, Struts 1.2, Spring 2.5, Hibernate 3.0, Maven, EJB 1.0, Eclipse 3.4, HTML, CSS, XML, XSL, JavaScript, GWT, AJAX, JUnit, QTP 11,Geb-Spock, Apache Tomcat,Groovy Grails, WebLogic 9.0, SVN, Oracle 10g

**Client: State of New York, Albany, NY Oct’14-May’16**

**Role: Sr. Java/J2EE Developer**

**Project Description:** Opwdd is state program for adults and children who meet the definition of disabled and have limited income and resources. It is designed to help aged, blind, and disabled people, who have little or no income; and it provides cash to meet basic needs for food, clothing, and shelter. This application provides one stop shop for New Yorkers to find affordable low-cost health insurance.

**Responsibilities:**

* Planning, analysis, design and implementation of different modules using **Agile (Scrum)** Methodology.
* Involved in Daily **Scrum meetings**, **Sprint planning** and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Generated the **use case diagrams, Activity diagrams, Class diagrams** and **Sequence Diagrams** in the design phase using **Star UML tool**.
* Developed various helper classes needed following**Core Java multi-threaded programming** and **Collection classes**.
* Developed the **User Interface** using **JSP, Spring MVC frameworks, JQuery, HTML5, CSS3, Dojo, Node JS, Bootstrap JS, Knockout JS** and **Angular JS**.
* Have extensive hands-on Maven, Tortoise SVN, Jtest, Easymock, Mockito, PMD, FindBugs, Cobertura Check style.
* Implements responsive design template to get a new interface in **Bootstrap, HTML**.
* Maintain multithreading using Executors framework & created a fixed thread pool to maintain it.
* Developed Single page application and structured the JavaScript code using **AngularJS.**
* Written test cases using Element locators, WebDriver methods, Java programming features and TestNG Annotations.
* Enhanced test cases using java programming features and TestNG Annotations.
* Developed an **API** to write **XML** documents from a database. Utilized XML and XSL Transformation for dynamic web-content and database connectivity.
* Developing JSP reports to meet the need for an enterprise IT Governance toolset (HP PPM).
* Developed new business workflows using the Java Business Process Management tool and deployed them as archive files.
* Developed the automation environment for build, deployment and configuration of portlets onto the IBM WebSphere portal server using ANT scripts, XML Access scripts
* Implemented the application using **Spring MVC Framework** and handled the security using spring security.
* Utilized the **Spring IOC** feature to get hibernate session factory and resolve other bean dependencies.
* Involved in creating the **Hibernate POJO Objects** and mapped using **Hibernate Annotations**.
* Developed web services and published in SOA environment.
* Built web pages which are more user-interactive using AJAX, JavaScript and ReactJS.
* Used React Js for creating views to hook up models to the DOM and synchronize data with Server as a Single page application.
* Designed and developed the automated trading software for back testing historical trading data in java platform.
* Developed automate tests for the Build Verification test suite using Geb-Spock functional testing framework for both web based and mobile based session management.
* Installed, configured Cognos and Talend ETL on single and multi-server environment.
* Worked on Talend RTX ETL tool, scheduled jobs in Talend integration suite.
* Involved in building and deployment of application in Linux environment.
* Telecom access management systems using SNMP, TL1 and Unit testing.
* Maintained, structured and surveyed documents within the NOSQL MongoDB database.
* Implemented **Web-Services** to integrate between different applications components using**Restful using Jersey**.
* Developed **Restful Web services** for transmission of data in **JSON format**.
* Used **GWT** and **Amazon AWS (EC2/S3/EBS)** for **prototyping** and subsequent evaluation.
* Responsible for maintaining and expanding our AWS infrastructure using **AWS (EC2/EBS)**
* Implemented a continuous deployment pipeline with Jenkins and Jenkins Workflow on Kubernetes.
* Developed Database Procedures for updating, Inserting, and deleting table for a complete logical Unit of Work (LUW) using PL/SQL under **Oracle Database Server.**
* Facilitated highly concurrent, multi-threaded session layer processing of “FIX” messages and TCP/IP sockets connectivity from Java standalone application to exchanges for high frequency trade order routing.
* Improved quality and reduced development costs by developing domain specific language for scripting business logic in portfolio accounting and trading system.
* Designed and configured the modules of HP PPM.
* Worked on Yang to model the operations and content layers of the NETCONF.
* Supported tuning and optimization of network performance through use of virtualization and tools.
* Managed configuration and connectivity of customer virtual networks through VMware tools.
* Designed and implemented the interfaces for XipLink Multiplexer using NetConf.
* Defined and improved the development process when customers moved to Google Apps or Google Cloud Platform.
* Experience with OpenStack (Nova, Swift)
* Identified the need for NoSQL systems and installed Couchbase server on a single node.
* Created a Couchbase cluster by adding more than one Node and observed how data is replicated between nodes.
* Install and configure the BizTalk ESB Toolkit 2.0 components, Monitor exceptions in the web-based ESB Management Console.
* Actively involved in writing **SQL** using **SQL query builder**.
* Provided infrastructure automation services within private and public clouds as well as team training and DevOps mentoring.
* Integration with Message Routing of Web Service and Rabbit MQ Messages with Mule ESB.
* Update and modularize Salt states to allow for ease of use between multiple projects.
* Created entity relationship diagrams and multidimensional data models.
* Used DAO pattern to retrieve the data from database.
* Designed and developed various internal and customer-facing software leveraging the Google Apps and Google Cloud platform technologies.
* Developed web applications using Rational Application Developer and deployed it in web sphere application server 5.1
* Implemented agent-server messaging dialog using Camel and JMS (Active MQ Implementation)
* Design and develop **custom pipes (JMS, Web Services and SQL)** for mandates & accounts to flow into various processing systems.
* Actively used the defect tracking tool JIRA to create and track the defects during **QA** phase of the project.
* Worked with **WebSphere** application server that handles various requests from Client.
* Maintained and supported a set of applications which facilitate customers to trade securities like stocks, options, mutual funds, fixed income products like bonds and certificates of deposits online.
* Infrastructure as a service platforms on VMware’s Cloud Foundry Cloud Server.
* Worked with team to build a layered Knockout.js binding system to support partial views which contains the JavaScript functionality associated with them making them both reusable and much more maintainable compared to a pure JQuery system.
* Deploying fixes and updates using **IBM WebSphere** application server.
* Installed and upgraded production Jira and Confluence and maintained backups of previous Jira or Confluence versions.
* Involved in projects setting up builds using Puppet and Chef.
* Met Corporate mandate through cost-effective solutions to convert and migrate applications to WebSphere Application Server Java EE environments.
* Design and manipulation of jBPM process for the client activities to manage the people queue for each activity.
* Used Git with Stash for code repositories.
* Experience in continuous integration using Jenkins for timely builds, code coverage, running test.
* Responsible for refactoring web based client server Java application and related tools.
* Developed new business workflows using the Java business process management tool.
* Implemented a continuous Delivery pipeline with Docker.
* Designed and implemented publication systems in java using JQuery to integrate with the MarkLogic XML database engine.
* Developed test cases using **Junit** and the build scripts using **Maven.**
* Used Tortoise **SVN** 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.

**Environment:** Java, Hibernate, Spring MVC, Spring IOC, Servlets, XML, Rabbit MQ, Tortoise SVN, JSP, HTML, Bootstrap, Angular Js, NodeJs, MVC, Star UML, JUnit, Maven, WebSphere, ReactJS, Jenkins, Active MQ, Camel, Apache AXIS, UML, Executors, IBM WebSphere, SOA, JAX-WS, Sun Metro stack, Geb-Spock, HP PPM tool,RESTful, SOAP UI, Spring boot, spring security, AWS, Knockout.js, Log4J, PMD, SOAP, Oracle 10g, TestNG, NOSQL, Atlassian Confluence, Cloud Foundry, WSDL, jBPM 6.4.0, Linux, JavaScript, Angular Js, Salt stack,Talend 4.1, Groovy, AJAX, CheckStyle, Google Cloud,JIRA, Stash and Spring Tool Suite.

**Client: Bank of America, Charlotte, NC Jan’12-Oct’14**

**Role: Java/J2EE Developer**

**Project Description:** Bank of America work Bench is a portfolio management dashboard designed for institutional clients, investment managers and consultants who are part of Private Wealth Management Group of Bank of America. It provides access to their portfolio investment anywhere, anytime and helps monitor their investment by generating graphs and custom reports for various categories (Equity, Debt, Asset allocation by sector). It also shows user with very informative dashboard, which can be used by Investment managers to add/update/delete portfolio.

**Responsibilities:**

* Involved in complete **SDLC life cycle - Designing, Coding, Testing, Debugging** and **Production Support** for over 3 projects.
* Used **Agile** practices and Test Driven Development techniques to provide reliable, working software early and often.
* Extensively involved in writing Object relational mapping code using **hibernate**, developed **Hibernate mapping** files for configuring **Hibernate POJOs** for relational mapping.
* Implemented OAuth authentication/authorization for login.
* Developed new features to meet the specifications as set out by lead developer.
* Designed and coded application components in an **Agile** environment utilizing a test-driven development approach.
* Reviewed the Selenium scripts developed by the team members.
* Automated the User interface testing using Selenium**Web Driver**
* Used Clover, Cobertura, PMD, Checkstyle and Find Bugs for good coding average and better coding rules.
* Implemented Different Design patterns like singleton, factory and **J2EE design** patterns like**Business delegate, session façade, Value object** and **DAO** design patterns.
* Used karma-test-runner and Jasmine for JavaScript Unit Testing.
* Considering the Splunk logs for hidden application errors.
* Developed the front end of the application using **HTML5, CSS3, JSP, JavaScript, AngularJS**
* Designed new classes and functionalities using various **OOPs**.
* Developed and supported flagship financial trading application used to facilitate order and cash generation.
* Used the JavaScript dynamic functionalities for different UI components and handled the exceptions along with **JQuery** and other **JavaScript libraries**.
* Responsible for developing complex maps for vendor integration.
* Worked to add mobile support using jQuery Mobile and Knockout.js.
* Built Spring based Java and Scala microservices to support enterprise web application.
* Worked to make the application compatible with multiple iOS versions.
* Parsed Swift specification document to generate the XML configuration file in Perl used by Report Gen.
* Developed the packages to parse the XML file and Swift message for Report Gen in Java.
* Generate the formatted text to make Swift message more readable.
* Reviewed system for the application migration to a new location.
* Worked on MC2 Legacy Applications Migration which includes Migrating relevant applications from WebLogic to JBoss App server.
* Upgraded Jira and Confluence plugins and maintained documentation of currently installed plugins.
* Rearchitected a Spring application that used Java Swing for the GUI and ActiveMQ for distributed messaging. Transformed the standalone application into a client/server application using Adobe Flex, BlazeDS, Tomcat and ActiveMQ.
* Resolved the UI design issues for multiple versions of iOS.
* Experienced first-hand the best/worst practices for integrating micro services into an existing system architecture.
* Strong experience in writing Perl scripts covering data feed handling, implementing business logic, communicating with web-services
* Responsible for having exposed the development team to the **Agile** practices that have become the norm during his time with the company.
* Involved in Enhancement of legacy components in C++.
* Written Perl scripts to parse the C++ header files having structure definitions and auto generate code.
* Developed unit test cases using **Mockito** framework for testing accuracy of code and logging is done using **Log4j**.
* Used **Log4j** for **loggingerrors, messages** and performance logs.
* Involved in creating Restful services with the **JAX-WS** Provider and Dispatch **APIs**.
* Developed Restful web service using **CFX framework** implementation provided **JAX-RS 1.1** and **JAX-RS 1.0** the java API to create the web services.
* Involved in automation environment setup using Eclipse, Java, Selenium WebDriver jars and TestNG.
* Designed Test cases using Selenium Webdriver and TestNG.
* Performed SAP Data Migration by using Business Objects Data Services as the ETL tool.
* Design and Development for the necessary changes for migration.
* Involved in the Hibernate **HQL** query conversion to **SQL** using the SQL developer tool within the core client application.
* Used Hibernate as **ORM** tool and defined the mapping and relationship of each table in database.
* Using test tools like Junit, SOA tester, JMeter for quality management.
* Research about of JBPM process engine for use in the implementation of flow control system of people.
* Implemented an SSL- terminated reverse proxy on Kubernetes.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **HTML5, CSS3, JQUERY, JavaScript, Python, jQuery.**
* Implemented service layer on top of Cassandra using core Java and Restful API.
* Performed DevOps for Linux Mac and Windows platforms.
* A part of the team designing, developing and maintaining EMS application.
* Developed and maintained fault management and authentication management modules of web-based EMS application.
* Maintained log management module of java based EMS native client.
* Developed the Business Logic using **Plain Old Java Objects (POJOs)**
* Implemented Web API to use OAuth 2.0 with JWT to secure the web API Service Layer.
* Work with Node.js use to multiple threads for file and network events
* Responsible for coding SQL Statements and Stored procedures for back end communication using **JDBC.**
* Developed reporting and web service client applications using **SOAP**
* Created and facilitated DevOps culture and automated the things with the correct DevOps tool.
* Proficiency in Design Develop Integrate and Deploy SOA and distributed applications in BPM and Java EE.
* Developed Unit using **Junit**.
* Involved in test-cases using **JUnit**, debugging implementation and deployment activities.
* Developing database adapter, messaging adapter and custom workflow for non-oracle system using Camel
* Hands-on experience with implementing and maintaining CI/CD infrastructure.
* Helped the team with the development of a tool for managing the workflow of the encoding of video files when that project got severely behind schedule.
* Provide production support for WebMethods applications and resolve issues.
* Developed Middleware adapters for different commercial distribution solutions which includes messaging services (RMI, CORBA)
* Perform code review and develop common framework for WebMethods applications.
* Responsible for checking cross browser compatibility and hence worked on different browsers like safari, internet explorer, Firefox and Google chrome.
* Involved in resolving many critical Production Issues while solving them in time and provided Level 1 support for production (online) issues.

**Environment:** HTML4/5, CSS2/3, Cognos 8.4s, Jasmine, Karma-test-runner,TestNG, Cloud Foundry PaaS,Mockito, Apache Camel (integration),jQuery, angular JS, Swift, JavaScript, Java,Knockout.js, JMeter, Splunk,ActiveMQ, Atlassian Confluence, iOS 5.x, BPM 8.0,WebMethods 7.1, EMS, PMD, CheckStyle, POJO, XML, AJAX, JSON, SQL Server, Oracle.

**Client: Citi Group, Tampa, FL Nov’10-Dec’11**

**Role: Java Developer**

**Project Description:** Best in Class Financial System is an implementation of a stronger set of common elements of the overall financial systems architecture that could be shared across all business units to facilitate a level of standardization that is essential for Citigroup legal and regulatory reporting, while allowing business units to focus on the unique management reporting and analysis solutions that will contribute most to enhancing their performance.

**Responsibilities:**

* Worked with business teams on requirements gathering and estimating the efforts for development using **agile methodology** to integrate business line of apps with **SOA** in a seamless fashion.
* Developed the **UML** Use Cases, Activity, Sequence and Class diagrams using **Rational Rose**.
* Extensively worked on business, front end and persistence tier using the **JSP, Servlets, Spring MVC,** and **JSON**.
* Developed user interfaces using **JSP, JQuery, JavaScript, HTML5,** and **CSS3**.
* Used **AJAX** to implement some customizations which required dynamic behavior like controls dependent on user value selection on some other controls.
* Implemented **Java multi-threading** and **thread handling** issues during application development.
* Developed application service components and configured beans using **Spring IOC**, creation of **Hibernate mapping files** and generation of database schema.
* Use of COBOL in designing the code, and implementing applications and software for the organizational IT systems.
* Maintained hibernate configuration file and hbm files for object relational mapping.
* Used **Hibernate Query Language (HQL)** features like Named Queries for querying the database and using the objects in data access layer.
* Designed and developed processes on jBPM based process implementation, web service and API development.
* Develop innovative and quality solutions by making use of latest tools and technologies like **Apache CXF**, **Spring Core**, and **Spring AOP**.
* Managed Database Transactions using **spring’s Transaction Management** module and optimized and improved performance of the queries.
* Participated in development of new features for the core of the application. This included converting the company's current **SOAP API to RESTfulweb services**.
* Scheduling and running jobs using Autosys tool.
* Developed **Rest architecture based web services** to facilitate communication between client and servers.
* Invoked web services and parsed the XML results.
* Developed Yang modules for telecom services offered by carrier or enterprise customer.
* Deployed the applications on Web Logic, Apache Tomcat, JBoss and proxy webserver.
* Extensively involved in the development of backend Logics or data access logic using **Oracle DB** and **JDBC**.
* Designed and developed **NoSQL** solutions for all users.
* Maintaining the business standards in EJB and deployed them in Web sphere 7 application servers.
* Developed XQuery modules and maintained Loading System (written in Java) supporting multiple Java web application.
* Developed mobile applications using JQuery Mobile Java SaaS for virtual Infotech.
* Developed **stored procedures, triggers** and **functions** with **PL/SQL** for Oracle database
* Use of **WebLogic** application server to deploy the application and connect through the data source using **JNDI**.
* Wrote **Unit testing** and **Test suites** using **JUnit framework** for testing the application.
* Developed application code using **Eclipse IDE** and configured with **Maven**.
* Used **SVN** for **version control** and **ANT** for **application build**.
* Worked on YANG to manipulate the state data by the network configuration protocol.
* Implemented test programming approach using Junit as used JMock.
* Managed Virtualization Lab environment using VMware Server.
* Participated in weekly status meeting for providing the development updates.
* Established ROADM network with multi-shelf node architecture.
* Created utility for doing differential and sync of MarkLogic configurations across environments
* Work on MarkLogic and xqueries performance related issues in my modules.
* Developed functionality for integrating the system with other applications like CORBA, SOAP, XML, JAVA.

**Environment:** Java1.7, J2EE, Spring, Hibernate, JQuery, AJAX, SaaS, JavaScript, JMock, Oracle 11g, Autosys, JDBC, Apache CXF, RESTful web services, SOAP, Eclipse, WebLogic, Clear Case, JUnit, UML, JSP, JSTL, EJB, CORBA, COBOL, Servlet, Maven, ANT.

**Client: Health Essentials, India April’ 09 -Nov’10**

**Role: Software Engineer**

**Project Description:**Health Essential is one of the growing provider’s in the Californian Region. Project is to Provide a claims System inquiry to the company main lookup system to validate and then record the consumer actions on the website.

**Responsibilities:**

* Involved in Technical and High Level Design Review Meetings with Business Customers.
* Developed User Interface Layer using Struts 2 **MVC framework** with **JSP/Tiles, HTML, CSS** and **JavaScript.**
* Developed Data Access Service Layer using **Spring** and **Hibernate Frameworks**.
* Used Struts framework along with **JSP, HTML, CSS** and **JavaScript** to construct the dynamic web pages (presentation layer) for the application.
* Involved in batch processing using Spring Batch framework to validate feed files and load data into corresponding EBX5 tables.
* Created the **Action classes, Action Form classes** for the project and Created struts-config.xml, application-resources, properties for the project.
* Involved in consuming, producing SOAP based web using**JAX-WS**.
* Designed and created the database tables and wrote **SQL queries** to access **Oracle DB.**
* Implemented OAuth 2.0 for the authentication of the JIVE application.
* Worked with cloud services like Google cloud.
* Worked with engineers and architects with reliable applications on Google Cloud Platform in designing, building, optimizing and operating infrastructure in the cloud.
* Accomplished various maintenance and enhancement tasks for the Flagging Analysis System (FAS), a suite of applications which provides signals quality control and modeling results analysis. Tasks primarily involved JDBC with Oracle and UNIX scripting.
* Used **Log4J** for logging in the application, Maven tool to build and configure J2EE applications.
* Designed and implemented Wi-NMS product as NMS platform based on Java, JSP, Tomcat and servlet.
* Worked on several screen and functionality enhancements as part of the maintenance team.
* Worked closely with the onsite team to migrate, deploy and test multiple releases.
* Managed metadata, pricing information for digital video and comic book products.

**Environment:**JDK 1.5, Struts 2.1, Spring 2.5, Hibernate 3, XML, JAX-WS, NMS, Oracle 11g, Google cloud Storage, Linux, Maven, Spring Batch framework, WebSphere Application Server 6.1, Scala, ClearCase and Eclipse, JIVE.